



**MAUSER**  
S P E Z I A L

# Industrial 2025

## Collier Equipment

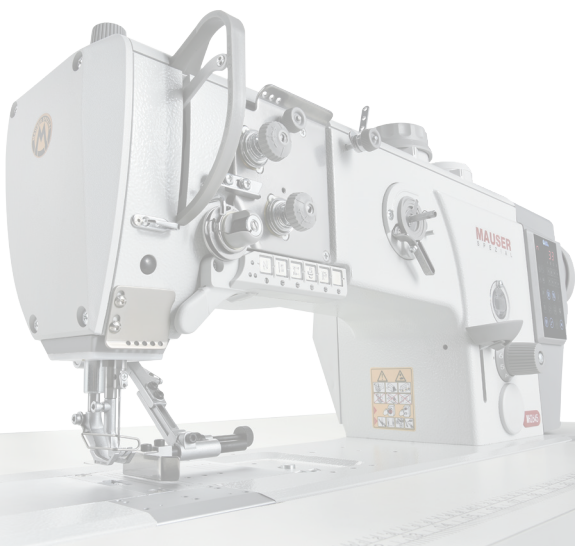
100 Mill Creek Circle / PO Box 175

Lexington, Alabama 35648

Ph: (256) 229-6595 Fx: (256) 229-6779

[CollierEquipment.com](http://CollierEquipment.com)

*MEMO*



*Milestones in the history of trademark “Mauser”*

- 1812

The royal armaments factory in Oberndorf is founded  
位于奥伯恩多夫的皇家军备制造厂成立
- 1872

Company founded by the Mauser brothers  
毛瑟兄弟成立公司
- 1920

After world war one, the company expands its portfolio, inter alia to measuring devices and automobiles, like the Mauser Mono-Track-Car  
第一次世界大战后，公司主要投资于测量仪器和汽车行业，比如毛瑟的单轨道汽车
- 1923

The first Mauser special sewing machine is introduced.  
(German Patent: DE 410 952)  
German TM: 336 284 is established  
第一台毛瑟特种缝纫机诞生。(德国专利号: DE 410 952)  
德国商标336 284成立
- 1929

At the international exhibition in Barcelona, Mauser is awarded with the Grand Prix for its sewing machine Type BHE  
在巴塞罗那的国际展览会上，毛瑟凭借缝纫机机种“BHE”被授予大奖
- 1950

The production of industrial sewing machines becomes part of IVK Augsburg AG “Mauser” introduces automatically lubricated coverlock sewing machines and the “Mauserlock-Armabwärts-Viernadel-Sechsfadenmaschine”  
(“Mauserlock”four needles six thread feed-off-the-arm machine)  
工业缝纫机成为卡尔斯鲁厄奥格斯堡工业厂股份公司生产产品的一部分  
毛瑟引进有自动供油功能的包缝和绷缝两用机和“Mauserlock”  
(四针六线曲臂机)  
  
The trade mark “MAUSER SPEZIAL” is established  
(German TMs DE 618 326)  
“MAUSER SPEZIAL” 商标成立  
(德国商标号: DE 618 326)
- 1975

The “MAUSER SPEZIAL”-product line is bought by G. M. Pfaff AG (today Pfaff Industriesysteme und Maschinen GmbH)  
G. M. Pfaff AG 收购“MAUSER SPEZIAL”的产品线(现百福工业系统及机械有限责任公司)
- 2010

New Logo and TMs are introduced  
European TMs: 9 928 805, 9 359 167  
新的徽标和商标成立  
欧洲商标号: 9 928 805, 9 359 167
- 2013

SG Group Co. Ltd. takes over Pfaff  
上工申贝(集团)股份有限公司收购百福公司
- 2016

New Logo and TMs are introduced  
新的徽标和商标成立



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带XXL超大型垂直旋梭的单针锁缝三同步送料  
平板厚料机 – 成本效益最大化

- 高可靠性和耐用性降低机器全生命周期成本
- 集成电机 P40CD 电控
- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- XXL超大型垂直旋梭提高生产率（梭芯直径 Ø32毫米，与标准旋梭之Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 自动剪线，自动倒缝和气动抬压脚保证高效缝切
- 缝绗压脚抬升最高可达：20毫米，便于送料和取料厚重的工件
- 最大交替压脚行程可高达：9毫米，可在不同厚度的材料层上安全攀爬
- 臂下空间350毫米宽，125毫米高

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝绗操作

Single-needle lockstitch triple feed flatbed  
heavy-duty machine with XXL extra-large  
vertical rotary hook – maximized cost  
efficiency

- High reliability and durability reduce the total cost of ownership over the machine's lifecycle
- Integrated P40CD electronic control unit (motor and control box integrated)
- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- XXL extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Automatic thread trimming, automatic back stitching, and pneumatic presser foot lifting ensure efficient sewing operations
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Maximum alternating presser foot stroke up to 9 mm, enabling safe stitching across varying fabric thicknesses
- 350 mm wide x 125 mm high under-arm space

Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                                                                                                              |                                                                                                                |                                                                                                                                                          |                                                                                                                                                           |                                                                                                                                          |                                                                                                                                                                  |                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>针码长度<br>Stitch length | <br>每分钟/针数<br>Stitches/min. | <br>下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet | <br>垂直旋梭、超大级(XXL Ø 32 mm)<br>Vertical hook, extra large (XXL, Ø 32 mm) | <br>交替压脚行程高度<br>Stroke of the alternating sewing feet | <br>A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting | <br>自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer |
| [mm] max.                                                                                                    | [min <sup>-1</sup> ] max.                                                                                      |                                                                                                                                                          | XXL                                                                                                                                                       | 9                                                                                                                                        | A [mm] max. B [mm] max.                                                                                                                                          | [mm] **                                                                                                                                             |
| 1545-170242-23                                                                                               | 9 3,000                                                                                                        | ●                                                                                                                                                        |                                                                                                                                                           |                                                                                                                                          | 9 20                                                                                                                                                             | ● ca./approx. 15 mm                                                                                                                                 |

|                                                                                                                            |                                                                                                                           |                                                                                                                                                                                                                                                                                                 |                                                                                                                                                 |                                                                                                                            |                                                                                                             |                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <br>自动抬压脚<br>Automatic Sewing foot lift | <br>第二线张力<br>Additional thread tension | <br>通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | <br>臂下空间：C=宽度，D=高度<br>Under arm clearance: C=Width, D=Height | <br>化纤合成线/包芯线<br>Synthetic/ Core thread | <br>针系统<br>Needle system | <br>针规格<br>Needle size |
|                                                                                                                            |                                                                                                                           |                                                                                                                                                                                                                                                                                                 | C D                                                                                                                                             | [Nm] max.                                                                                                                  |                                                                                                             |                                                                                                           |
| 1545-170242-23                                                                                                             | ●                                                                                                                         | ●                                                                                                                                                                                                                                                                                               | 350 125                                                                                                                                         | 15/3                                                                                                                       | 134 - 35                                                                                                    | 90 - 160                                                                                                  |



带 XXL 超大型垂直旋梭和双针码功能的单针锁缝三同步送料平板厚料机

- 具有双针码自由切换
- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 集成电机 P40CD 电控，多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XXL超大型垂直旋梭提高生产率（梭芯直径 Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝纫压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 350毫米宽x125毫米高的臂下空间

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

Single-needle lockstitch triple feed flatbed heavy-duty machine with XXL extra-large vertical rotary hook and dual stitch length function

- Features dual stitch length settings with free switching capability
- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Integrated P40CD electronic control unit (motor and control box integrated), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XXL extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 350 mm wide x 125 mm high under-arm space

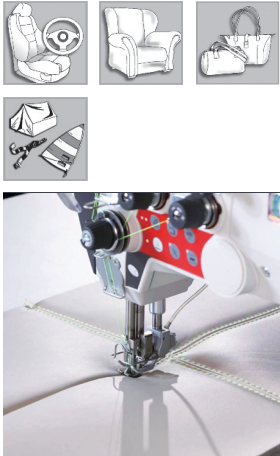
Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                |  |  |  |  |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭、超大型(XXL) Ø 32 mm<br>Vertical hook, extra large (XXL, Ø 32 mm)                  | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing                                                  | B=停车时空间<br>B=Clearance when lifting                                                 | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
|                | [mm] max.                                                                           | [min <sup>-1</sup> ] max.                                                           |                                                                                     |                                                                                     |                                                                                     | A [mm] max.                                                                         | B [mm] max.                                                                         | [mm] **                                                                             |
| 1545-170242-24 | 9                                                                                   | 3,000                                                                               | ●                                                                                   | XXL                                                                                 | 9                                                                                   | 9                                                                                   | 20                                                                                  | ● ca./approx. 15 mm                                                                 |

|                |  |  |                                                                                                                       |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                | 自动抬压脚<br>Automatic sewing foot lift                                                 | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间，C=宽度，D=高度<br>Under arm clearance: C=Width, D=Height                            | 化纤合成线/包芯线<br>Synthetic/Core thread                                                  | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 |
|                | ●                                                                                   | ●                                                                                   | ●                                                                                                                                                                                                        | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 1545-170242-24 | ●                                                                                   | ●                                                                                   | ●                                                                                                                                                                                                        | 350 125                                                                             | 15/3                                                                                | 134 - 35                                                                            | 90 - 160                                                                            |



带 **XXL** 超大型垂直旋梭和双针码功能的双针锁缝三同步送料平板厚料机

- 具有双针码自由切换
- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 集成电机 P40CD 电控，多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- **XXL**超大型垂直旋梭提高生产率（梭芯直径Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝脚压脚抬升最高可达20毫米，便于送料和取料厚重的工作件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 350毫米宽x125毫米高的臂下空间
- 可选针位6毫米、8毫米、10毫米等

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝绗操作

**Double-needle lockstitch triple feed flatbed heavy-duty machine with XXL extra-large vertical rotary hook and dual stitch length function**

- Features dual stitch length settings with free switching capability
- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Integrated P40CD electronic control unit (motor and control box integrated), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- **XXL** extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 350 mm wide x 125 mm high under-arm space
- Optional needle gauge: 6 mm, 8 mm, 10 mm, etc.

Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭、超大级(XXL Ø 32 mm)<br>Vertical hook, extra large (XXL, Ø 32 mm)                  | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
| [mm] max.                                                                           | [min <sup>-1</sup> ] max.                                                           |                                                                                     | XXL                                                                                 | 9                                                                                   | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |
| 1545-270242                                                                         | 9                                                                                   | 3,000                                                                               | ●                                                                                   |                                                                                     | 9 20                                                                                | ● ca./approx. 15 mm                                                                 |

|                                                                                     |                                                                                     |                                                                                                                                                                                                          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |                                                                                                                       |  |  |  |  |
| 自动抬压脚<br>Automatic Sewing foot lift                                                 | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间：<br>C=宽度，D=高度<br>Under arm clearance:<br>C=Width, D=Height                     | 化纤合成线/<br>包芯线<br>Synthetic/<br>Core thread                                          | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 |
|                                                                                     |                                                                                     |                                                                                                                                                                                                          | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 1545-270242                                                                         | ●                                                                                   | ●                                                                                                                                                                                                        | 350 125                                                                             | 15/3                                                                                | 134 - 35                                                                            | 90 - 160                                                                            |



带XL大型垂直旋梭的单针锁缝三同步送料平板厚料机

Single-needle lockstitch triple feed flatbed heavy-duty machine with XL large vertical rotary hook

- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机），多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XL大型垂直旋梭提高生产率（梭芯直径Ø26毫米）
- 缝纫压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 335毫米宽x125毫米高的臂下空间

- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XL large vertical rotary hook enhances productivity (bobbin diameter Ø26 mm)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 335 mm wide x 125 mm high under-arm space

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                |  |  |  |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭，大号 (XL, Ø 26 毫米)<br>Vertikalgreifer, groß (XL, Ø 26 mm)                        | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
|                | [mm] max.                                                                           | [min <sup>-1</sup> ] max.                                                           |                                                                                     |                                                                                     |                                                                                     | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |
| 2645-170222-33 | 9                                                                                   | 3,000                                                                               | ●                                                                                   | XL                                                                                  | 9                                                                                   | 9 20                                                                                | ● ca./approx. 15 mm                                                                 |

|                |  |  |                                                                                                                       |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                | 自动抬压脚<br>Automatic Sewing foot lift                                                 | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间，C=宽度，D=高度<br>Under arm clearance: C=Width, D=Height                            | 化纤合成线/包芯线<br>Synthetic/ Core thread                                                 | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 |
|                |                                                                                     |                                                                                     |                                                                                                                                                                                                          | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 2645-170222-33 | ●                                                                                   | ●                                                                                   | ●                                                                                                                                                                                                        | 335 125                                                                             | 20/3                                                                                | 134 - 35                                                                            | 90 - 180                                                                            |



带XXL超大型垂直旋梭的单针锁缝三同步送料  
平板厚料机

Single-needle lockstitch triple feed flatbed  
heavy-duty machine with XXL extra-large  
vertical rotary hook

- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机），多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XXL超大型垂直旋梭提高生产率（梭芯直径Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝边压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 335毫米宽x125毫米高的臂下空间
- 可选配下挂式电控型2645-170242-33

- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XXL extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 335 mm wide x 125 mm high under-arm space
- Optional pendant-type control model available: 2645-170242-23

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                                                                                     |                                                                                     |                                                                                                                                                                                                          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |                                                                                                                       |  |  |  |  |
| 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料，机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                                                                                                                                        | 垂直旋梭，超大级(XXL) Ø 32 mm<br>Vertical hook, extra large (XXL, Ø 32 mm)                  | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>Clearance when sewing<br>B=停车时空间<br>Clearance when lifting               | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
| [mm] max.                                                                           | [min <sup>-1</sup> ] max.                                                           |                                                                                                                                                                                                          | XXL                                                                                 | 9                                                                                   | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |
| 2645-170242-33                                                                      | 9 3,000                                                                             | ●                                                                                                                                                                                                        |                                                                                     |                                                                                     | 9 20                                                                                | ● ca./approx. 15 mm                                                                 |
|  |  |                                                                                                                       |  |  |  |  |
| 自动抬压脚<br>Automatic Sewing foot lift                                                 | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length |                                                                                     | 臂下空间：C=宽度，D=高度<br>Under arm clearance: C=Width, D=Height                            | 化纤合成线/包芯线<br>Synthetic/ Core thread                                                 | 机针系统<br>Needle system                                                               |
|                                                                                     |                                                                                     |                                                                                                                                                                                                          |                                                                                     | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |
| 2645-170242-33                                                                      | ●                                                                                   | ●                                                                                                                                                                                                        |                                                                                     | 335 125                                                                             | 15/3                                                                                | 134 - 35 90 - 180                                                                   |



带XXL超大型垂直旋梭和自动短切线系统的单针锁缝三同步送料平板厚料机

- 短切线剪线长度仅为5毫米
- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机），多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XXL超大型垂直旋梭提高生产率（梭芯直径Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝纫压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 335毫米宽x125毫米高的臂下空间

应用领域

汽车行业以及家居装饰和工业纺织品领域的通用缝纫操作

Single-needle lockstitch triple feed flatbed heavy-duty machine with XXL extra-large vertical rotary hook and automatic short thread trimming system

- Short thread trimming length of only 5 mm
- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XXL extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 335 mm wide x 125 mm high under-arm space

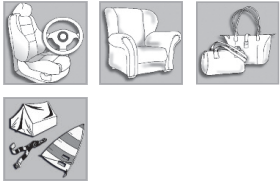
Field of application

General sewing operations in the automotive industry, as well as in home furnishings and technical textiles

技术参数 / Technical Data

|                |  |  |  |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭、超大型(XXL, Ø 32 mm)<br>Vertical hook, extra large (XXL, Ø 32 mm)                 | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
|                | [mm] max.                                                                           | [min] max.                                                                          |                                                                                     |                                                                                     |                                                                                     | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |
| 2645-170245-33 | 9                                                                                   | 3,000                                                                               | ●                                                                                   | XXL                                                                                 | 9                                                                                   | 9 20                                                                                | ● ca./approx. 5 mm                                                                  |

|                |  |  |                                                                                                                       |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                | 自动抬压脚<br>Automatic<br>Sewing<br>foot lift                                           | 第二线张力<br>Additional thread<br>tension                                               | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间，<br>C=宽度，D=高度<br>Under arm clearance:<br>C=Width, D=Height                     | 化纤合成线/<br>包芯线<br>Synthetic/<br>Core thread                                          | 机针系统<br>Needle<br>system                                                            | 机针规格<br>Needle<br>size                                                              |
|                |                                                                                     |                                                                                     |                                                                                                                                                                                                          | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 2645-170245-33 | ●                                                                                   | ●                                                                                   | ●                                                                                                                                                                                                        | 335 125                                                                             | 15/3                                                                                | 134 - 35                                                                            | 90 - 160                                                                            |



带 **XXL** 超大型垂直旋梭和双针码，双压脚冲程功能的单针平板厚料机

- 具有双针码，双可调压脚冲程
- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机），多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- **XXL**超大型垂直旋梭提高生产率（梭芯直径Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝边压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 335毫米宽x125毫米高的臂下空间

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

**Single-needle flatbed heavy-duty machine with **XXL** extra-large vertical rotary hook and dual stitch length, dual presser foot stroke function**

- Features dual stitch length settings and dual adjustable presser foot stroke
- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- **XXL** extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 335 mm wide x 125 mm high under-arm space

Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭、超大级(XXL) Ø 32 mm<br>Vertical hook, extra large (XXL, Ø 32 mm)                  | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
| [mm] max.                                                                           | [min <sup>-1</sup> ] max.                                                           |                                                                                     | XXL                                                                                 | 9                                                                                   | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |
| 2645-170242-36                                                                      | 9                                                                                   | 3,000                                                                               |                                                                                     |                                                                                     | 920                                                                                 | ca./approx. 15 mm                                                                   |

|  |  |                                                                                                                       |  |  |  |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 自动抬压脚<br>Automatic Sewing foot lift                                                 | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间：C=宽度，D=高度<br>Under arm clearance: C=Width, D=Height                            | 化纤合成线/包芯线<br>Synthetic/ Core thread                                                 | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 |
|                                                                                     |                                                                                     |                                                                                                                                                                                                          | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 2645-170242-36                                                                      |                                                                                     |                                                                                                                                                                                                          | 335 125                                                                             | 15/3                                                                                | 134 - 35                                                                            | 90 - 160                                                                            |



带**XXL**超大型垂直旋梭的单针锁缝三同步送料平板厚料机（最大针码12毫米）

**Single-needle lockstitch triple feed flatbed heavy-duty machine with XXL extra-large vertical rotary hook (maximum stitch length 12 mm)**

- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机），多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XXL超大型垂直旋梭提高生产率（梭芯直径Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝纫压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码12毫米
- 335毫米宽x125毫米高的臂下空间

- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XXL extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 12 mm
- 335 mm wide x 125 mm high under-arm space

**应用领域**

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

**Field of application**

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

**技术参数 / Technical Data**

|                |  |  |  |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭、超大型(XXL) Ø 32 mm<br>Vertical hook, extra large (XXL, Ø 32 mm)                  | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
| 2645-180242-33 | [mm] max.<br>12                                                                     | [min <sup>-1</sup> ] max.<br>3,000                                                  | ●                                                                                   | XXL                                                                                 | 9                                                                                   | A [mm] max. 9<br>B [mm] max. 20                                                     | [mm] **<br>● ca./approx. 15 mm                                                      |

|                |  |  |                                                                                                                       |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                | 自动抬压脚<br>Automatic<br>Sewing<br>foot lift                                           | 第二线张力<br>Additional thread<br>tension                                               | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间，<br>C=宽度，D=高度<br>Under arm clearance:<br>C=Width, D=Height                     | 化纤合成线/<br>包芯线<br>Synthetic/<br>Core thread                                          | 机针系统<br>Needle<br>system                                                            | 机针规格<br>Needle<br>size                                                              |
| 2645-180242-33 | ●                                                                                   | ●                                                                                   | ●                                                                                                                                                                                                        | C 335<br>D 125                                                                      | [Nm] max.<br>10/3                                                                   | 134 - 35                                                                            | 90 - 180                                                                            |



带XXL超大型垂直旋梭的双针锁缝三同步送料  
平板厚料机

Double-needle lockstitch triple feed flatbed  
heavy-duty machine with XXL extra-large  
vertical rotary hook

- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机），多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XXL超大型垂直旋梭提高生产率（梭芯直径Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝边压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 335毫米宽x125毫米高的臂下空间
- 可选针位6毫米、8毫米、10毫米等

- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XXL extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 335 mm wide x 125 mm high under-arm space
- Optional needle gauge: 6 mm, 8 mm, 10 mm, etc.

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝绗操作

Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料，机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭，超大级(XXL) Ø 32 mm<br>Vertical hook, extra large (XXL, Ø 32 mm)                  | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
| [mm] max.                                                                           | [min.] max.                                                                         |                                                                                     | XXL                                                                                 | 9                                                                                   | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |
| 2645-270242-33                                                                      | 9 3,000                                                                             | ●                                                                                   |                                                                                     |                                                                                     | 9 20                                                                                | ● ca./approx. 15 mm                                                                 |

|                                                                                     |                                                                                     |                                                                                                                                                                                                          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |                                                                                                                       |  |  |  |  |
| 自动抬压脚<br>Automatic Sewing foot lift                                                 | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间：C=宽度，D=高度<br>Under arm clearance: C=Width, D=Height                            | 化纤合成线/包芯线<br>Synthetic/ Core thread                                                 | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 |
|                                                                                     |                                                                                     |                                                                                                                                                                                                          | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 2645-270242-33                                                                      | ●                                                                                   | ●                                                                                                                                                                                                        | 335 125                                                                             | 15/3                                                                                | 134 - 35                                                                            | 90 - 160                                                                            |



带 XXL 超大型垂直旋梭和双针码，双压脚冲程功能的大空间（465毫米）单针平板厚料机

- 具有双针码，双可调压脚冲程
- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机），多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XXL超大型垂直旋梭提高生产率（梭芯直径Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝纫压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 465毫米宽x125毫米高的臂下空间

应用领域

软体家具，皮革制品和工业纺织品应用的通用缝纫操作

Single-needle flatbed heavy-duty machine with XXL extra-large vertical rotary hook, dual stitch length, dual presser foot stroke function, and extended workspace (465 mm)

- Features dual stitch length settings and dual adjustable presser foot stroke
- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XXL extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 465 mm wide x 125 mm high under-arm space

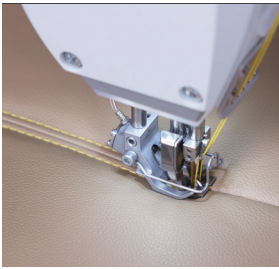
Field of application

General application for upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                   |  |  |  |  |  |  |  |  |
|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                   | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭、超大级(XXL) Ø 32 mm<br>Vertical hook, extra large (XXL, Ø 32 mm)                  | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing                                                  | B=停车时空间<br>B=Clearance when lifting                                                 | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
|                   | [mm] max.                                                                           | [min <sup>-1</sup> ] max.                                                           |                                                                                     |                                                                                     |                                                                                     | A [mm] max.                                                                         | B [mm] max.                                                                         | [mm] **                                                                             |
| 2645-170242-36-46 | 9                                                                                   | 3,000                                                                               | ●                                                                                   | XXL                                                                                 | 9                                                                                   | 9                                                                                   | 20                                                                                  | ● ca./approx. 15 mm                                                                 |

|                   |  |  |                                                                                                                       |  |  |  |  |
|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                   | 自动抬压脚<br>Automatic<br>Sewing<br>foot lift                                           | 第二线张力<br>Additional thread<br>tension                                               | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间，<br>C=宽度，D=高度<br>Under arm clearance:<br>C=Width, D=Height                     | 化纤合成线/<br>包芯线<br>Synthetic/<br>Core thread                                          | 机针系统<br>Needle<br>system                                                            | 机针规格<br>Needle<br>size                                                              |
|                   | ●                                                                                   | ●                                                                                   | ●                                                                                                                                                                                                        | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 2645-170242-36-46 | ●                                                                                   | ●                                                                                   | ●                                                                                                                                                                                                        | 465 125                                                                             | 15/3                                                                                | 134 - 35                                                                            | 90 - 160                                                                            |



带 **XXL** 超大型垂直旋梭和双针码，双压脚冲程功能的大空间（465毫米）双针平板厚料机

- 具有双针码，双可调压脚冲程
- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机），多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- **XXL**超大型垂直旋梭提高生产率（梭芯直径Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝边压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 465毫米宽x125毫米高的臂下空间
- 可选针位6毫米、8毫米、10毫米等

应用领域

软体家具，皮革制品和工业纺织品应用的通用缝纫操作

**Double-needle flatbed heavy-duty machine with **XXL** extra-large vertical rotary hook, dual stitch length, dual presser foot stroke function, and extended workspace (465 mm)**

- Features dual stitch length settings and dual adjustable presser foot stroke
- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- **XXL** extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 465 mm wide x 125 mm high under-arm space
- Optional needle gauge: 6 mm, 8 mm, 10 mm, etc

Field of application

General sewing operations for upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                       |                           |                                                                   |                                                                    |                                                   |                                                                          |                                                              |
|-----------------------|---------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------|
|                       |                           |                                                                   |                                                                    |                                                   |                                                                          |                                                              |
| 针码长度<br>Stitch length | 每分钟/针数<br>Stitches/min.   | 下送料，机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet | 垂直旋梭，超大级(XXL) Ø 32 mm<br>Vertical hook, extra large (XXL, Ø 32 mm) | 交替压脚行程高度<br>Stroke of the alternating sewing feet | A=缝制时间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer |
| [mm] max.             | [min <sup>-1</sup> ] max. |                                                                   | XXL                                                                | 9                                                 | A [mm] max. B [mm] max.                                                  | [mm] **                                                      |
| 2645-270242-36-46     | 9 3,000                   | ●                                                                 |                                                                    |                                                   | 9 20                                                                     | ● ca./approx. 15 mm                                          |

|                                           |                                       |                                                                                                                                                                                                          |                                                          |                                     |                       |                     |
|-------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------|-----------------------|---------------------|
|                                           |                                       |                                                                                                                                                                                                          |                                                          |                                     |                       |                     |
| 自动抬压脚<br>Automatic<br>Sewing<br>foot lift | 第二线张力<br>Additional thread<br>tension | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间：C=宽度，D=高度<br>Under arm clearance: C=Width, D=Height | 化纤合成线/包芯线<br>Synthetic/ Core thread | 机针系统<br>Needle system | 机针规格<br>Needle size |
|                                           |                                       |                                                                                                                                                                                                          | C D                                                      | [Nm] max.                           |                       |                     |
| 2645-270242-36-46                         | ●                                     | ●                                                                                                                                                                                                        | 465 125                                                  | 15/3                                | 134 - 35              | 90 - 160            |



带 XXL 超大型垂直旋梭和双针码，双压脚冲程功能的大空间（750毫米）双针平板厚料机

**Double-needle flatbed heavy-duty machine with XXL extra-large vertical rotary hook, dual stitch length, dual presser foot stroke function, and extra-wide workspace (750 mm)**

- 具有双针码，双可调压脚冲程
- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机），多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XXL超大型垂直旋梭提高生产率（梭芯直径Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝纫压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 750毫米宽x125毫米高的臂下空间
- 可选针位6毫米、8毫米、10毫米等

- Features dual stitch length settings and dual adjustable presser foot stroke
- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XXL extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 750 mm wide x 125 mm high under-arm space
- Optional needle gauge: 6 mm, 8 mm, 10 mm, etc.

**应用领域**

软体家具，皮革制品和工业纺织品应用的通用缝纫操作

**Field of application**

General sewing operations for upholstered furniture, leather goods, and technical textiles

**技术参数 / Technical Data**

|                   |  |  |  |  |  |  |  |
|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                   | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭、超大型(XXL Ø 32 mm)<br>Vertical hook, extra large (XXL, Ø 32 mm)                  | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
|                   | [mm] max.                                                                           | [min] max.                                                                          |                                                                                     |                                                                                     |                                                                                     | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |
| 2645-270242-36-75 | 9                                                                                   | 3,000                                                                               | ●                                                                                   | XXL                                                                                 | 9                                                                                   | 9 20                                                                                | ● ca./approx. 15 mm                                                                 |

|                   |  |  |                                                                                                                       |  |  |  |  |
|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                   | 自动抬压脚<br>Sewing foot lift                                                           | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间：C=宽度，D=高度<br>Under arm clearance: C=Width, D=Height                            | 化纤合成线/包芯线<br>Synthetic/ Core thread                                                 | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 |
|                   |                                                                                     |                                                                                     |                                                                                                                                                                                                          | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 2645-270242-36-75 | ●                                                                                   | ●                                                                                   | ●                                                                                                                                                                                                        | 750 125                                                                             | 15/3                                                                                | 134 - 35                                                                            | 90 - 160                                                                            |



带XXL超大型垂直左侧旋梭的单针锁缝三同步送料平板厚料机

Single-needle lockstitch triple feed flatbed heavy-duty machine with XXL extra-large vertical left-side rotary hook

- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机），多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XXL超大型垂直旋梭提高生产率（梭芯直径Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝边压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 335毫米宽x125毫米高的臂下空间

- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XXL extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 335 mm wide x 125 mm high under-arm space

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝边操作

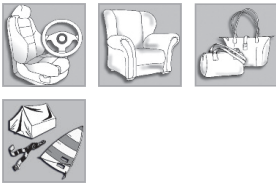
Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭、超大级(XXL Ø 32 mm)<br>Vertical hook, extra large (XXL, Ø 32 mm)                  | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
| [mm] max.                                                                           | [min.] max.                                                                         |                                                                                     | XXL                                                                                 | 9                                                                                   | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |
| 2645-370242-33                                                                      | 9                                                                                   | 3,000                                                                               | ●                                                                                   |                                                                                     | 9 20                                                                                | ● ca./approx. 15 mm                                                                 |

|                                                                                     |                                                                                     |                                                                                                                                                                                                          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |                                                                                                                       |  |  |  |  |
| 自动抬压脚<br>Automatic Sewing foot lift                                                 | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间：<br>C=宽度，D=高度<br>Under arm clearance:<br>C=Width, D=Height                     | 化纤合成线/包芯线<br>Synthetic/ Core thread                                                 | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 |
|                                                                                     |                                                                                     |                                                                                                                                                                                                          | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 2645-370242-33                                                                      | ●                                                                                   | ●                                                                                                                                                                                                        | 335 125                                                                             | 15/3                                                                                | 134 - 35                                                                            | 90 - 160                                                                            |



带 XXL 超大型垂直旋梭和双针码功能的单针锁缝三同步送料平板厚料机

- 具有双针码自由切换
- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 集成电机 P40CD 电控，多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚
- 基于人体工程学设计的手动拨盘能保证快速和准确地对交替压脚上送料功能的调节，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XXL超大型垂直旋梭提高生产率（梭芯直径 Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝纫压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码12毫米
- 345毫米宽x120毫米高的臂下空间
- 可选-17/01同步包边辅件

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

Single-needle lockstitch triple feed flatbed heavy-duty machine with XXL extra-large vertical rotary hook and dual stitch length function

- Features dual stitch length settings with free switching capability
- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Integrated P40CD electronic control unit (motor and control box integrated), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, and pneumatic presser foot lifting
- Ergonomically designed manual dial enables quick and precise adjustment of the alternating presser foot's upper feed function, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XXL extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 12 mm
- 345 mm wide x 120 mm high under-arm space
- Optional: -17/01 synchronous edge folding attachment

Field of application

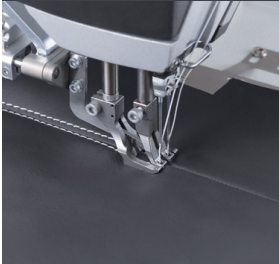
General assembly for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|            |  |  |  |  |  |  |  |
|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|            | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭、超大型(XXL) Ø 32 mm<br>Vertical hook, extra large (XXL, Ø 32 mm)                  | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
|            | [mm] max.                                                                           | [min <sup>-1</sup> ] max.                                                           |                                                                                     |                                                                                     |                                                                                     | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |
| 2545-G ECO | 12                                                                                  | 3,000                                                                               | ●                                                                                   | XXL                                                                                 | 9                                                                                   | 9 20                                                                                | ● ca./approx. 15 mm                                                                 |

|            |  |  |                                                                                                                       |  |  |  |  |
|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|            | 自动抬压脚<br>Automatic sewing foot lift                                                 | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间，C=宽度，D=高度<br>Under arm clearance: C=Width, D=Height                            | 化纤合成线/包芯线<br>Synthetic/ Core thread                                                 | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 |
|            |                                                                                     |                                                                                     |                                                                                                                                                                                                          | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 2545-G ECO | ●                                                                                   | ●                                                                                   | ●                                                                                                                                                                                                        | 345 120                                                                             | 10/3                                                                                | 134 - 35                                                                            | 90 - 180                                                                            |



带 XXL 超大型垂直旋梭的双针锁缝三同步送料  
平板厚料机

Double-needle lockstitch triple feed flatbed  
heavy-duty machine with XXL extra-large  
vertical rotary hook

- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 集成电机 P40CD 电控，多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚
- 基于人体工程学设计的手动拨盘能保证快速和准确地对交替压脚上送料功能的调节，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XXL超大型垂直旋梭提高生产率（梭芯直径 Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝线压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码12毫米
- 345毫米宽x120毫米高的臂下空间
- 可选针位6毫米、8毫米、10毫米等

- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Integrated P40CD electronic control unit (motor and control box integrated), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, and pneumatic presser foot lifting
- Ergonomically designed manual dial enables quick and precise adjustment of the alternating presser foot's upper feed function, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XXL extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 12 mm
- 345 mm wide x 120 mm high under-arm space
- Optional needle gauge: 6 mm, 8 mm, 10 mm, etc.

应用领域

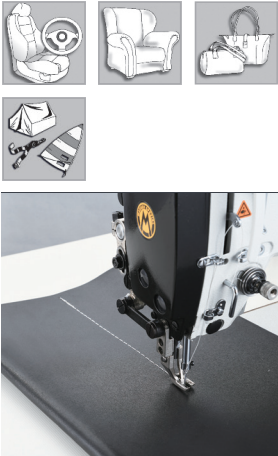
汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles.

技术参数 / Technical Data

|            | <br>针码长度<br>Stitch length               | <br>每分钟/针数<br>Stitches/min.            | <br>下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                                                                                                                                        | <br>垂直旋梭、超大型(XXL Ø 32 mm)<br>Vertical hook, extra large (XXL, Ø 32 mm) | <br>交替压脚行程高度<br>Stroke of the alternating sewing feet | <br>A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting | <br>自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer |
|------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 2546-G ECO | [mm] max.<br>12                                                                                                            | [min <sup>-1</sup> ] max.<br>3,000                                                                                        | ●                                                                                                                                                                                                                                                                                               | XXL                                                                                                                                                       | 9                                                                                                                                        | A [mm] max. 9<br>B [mm] max. 20                                                                                                                                  | [mm] **<br>● ca./approx. 15 mm                                                                                                                      |
|            | <br>自动抬压脚<br>Automatic Sewing foot lift | <br>第二线张力<br>Additional thread tension | <br>通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | <br>臂下空间：C=宽度，D=高度<br>Under arm clearance: C=Width, D=Height           | <br>化纤合成线/包芯线<br>Synthetic/ Core thread               | <br>机针系统<br>Needle system                                                     | <br>机针规格<br>Needle size                                          |
| 2546-G ECO | ●                                                                                                                          | ●                                                                                                                         | ●                                                                                                                                                                                                                                                                                               | C 345<br>D 120                                                                                                                                            | [Nm] max.<br>10/3                                                                                                                        | 134 - 35                                                                                                                                                         | 90 - 180                                                                                                                                            |



带XL大型水平旋梭的单针锁缝两同步送料平板厚料机

Single-needle lockstitch, two-feed synchronous, flatbed heavy-duty sewing machine with XL large horizontal rotary hook

- 两同步送料系统，底牙送料和压脚送料
- 触摸式按键，一体化电控（直驱电机）
- 自动剪线、自动倒回针、电动抬压脚，安全爬越不同厚度的缝料层
- XL大型水平旋梭提高生产率（梭芯直径Ø26毫米）
- 缝纫压脚抬升最高可达16毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码8毫米
- 260毫米宽x130毫米高的臂下空间

- Compound synchronous feeding system: bottom feed and presser foot feed
- Touch-type buttons, integrated electronic control (direct drive motor)
- Automatic thread trimming, automatic back stitching, electric presser foot lifting, ensuring safe stitching over varying fabric thicknesses
- XL large horizontal rotary hook enhances productivity (bobbin diameter Ø26 mm)
- Presser foot lift height up to 16 mm, facilitating easy loading and unloading of thick workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 8 mm
- 260 mm wide x 130 mm high under-arm space

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

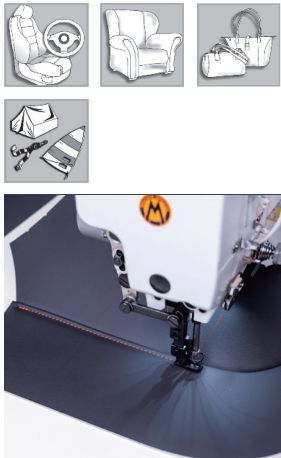
Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 底牙送料和压脚送料<br>Bottom feed and differential top feed                                  | 水平旋梭，<br>大号 (XL, Ø 26 毫米)<br>Horizontal hook, large (XL, Ø 26 mm)                   | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
| [mm] max.                                                                           | [min <sup>-1</sup> ] max.                                                           |                                                                                     | XL                                                                                  | —                                                                                   | A [mm] max. 8 [mm] max.                                                             | [mm] **                                                                             |
| 0303-E3-CCG/AK                                                                      | 8 2,200                                                                             | ●                                                                                   |                                                                                     |                                                                                     | 7 16                                                                                | ● ca./approx. 15 mm                                                                 |

|                                                                                     |                                                                                     |                                                                                                                                                                                                          |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |                                                                                                                       |  |  |  |
| 自动抬压脚<br>Automatic Sewing foot lift                                                 | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间，<br>C=宽度，D=高度<br>Under arm clearance:<br>C=Width, D=Height                     | 化纤合成线/<br>包芯线<br>Synthetic/<br>Core thread                                          | 机针规格<br>Needle size                                                                 |
|                                                                                     |                                                                                     |                                                                                                                                                                                                          | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |
| 0303-E3-CCG/AK                                                                      | ● —                                                                                 | —                                                                                                                                                                                                        | 260 130                                                                             | 20/3                                                                                | 135 × 17 110 - 150                                                                  |



带XL大型水平旋梭的单针锁缝两同步送料平板厚料机

Single-needle lockstitch, two-feed synchronous, flatbed heavy-duty sewing machine with XL large horizontal rotary hook

- 两同步送料系统，底牙送料和压脚送料
- 按键式操作面板，一体化电控（直驱电机），压脚摆动轴内藏，气缸内置，电磁铁自动
- 松线功能自动剪线、自动倒回针、气动抬压脚，最大交互量达5.5毫米，安全爬越不同厚度的缝料层
- XL大型水平旋梭提高生产率（梭芯直径Ø26毫米）
- 缝绗压脚抬升最高可达16毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 330毫米宽x150毫米高的臂下空间

- Compound synchronous feeding system: bottom feed and presser foot feed
- Button-type operation panel, integrated electronic control (direct drive motor), concealed presser foot rocking shaft, built-in air cylinder, electromagnetic automatic thread release function
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting with maximum differential feed of 5.5 mm, ensuring safe stitching over varying fabric thicknesses
- XL large horizontal rotary hook enhances productivity (bobbin diameter Ø26 mm)
- Presser foot lift height up to 16 mm, facilitating easy loading and unloading of thick workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 330 mm wide x 150 mm high under-arm space

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

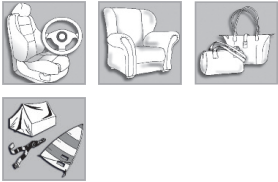
Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                                                                                     |                                                                                     |                                                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |                              |  |  |  |  |  |
| 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 底牙下料和差动上送料<br>Untertransport und<br>differenzierbarer Obertransport<br>Bottom feed and differential<br>top feed | 水平旋梭，<br>大号 (XL, Ø 26 毫米)<br>Horizontal hook, large<br>(XL, Ø 26 mm)                | 交替压脚行程高度<br>Stroke of the<br>alternatingsewing feet                                 | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | A [mm] max. B [mm] max.                                                             | 自动倒缝和自动<br>剪线器<br>Automatic seam<br>back-tacking and<br>thread trimmer              |
| [mm] max.                                                                           | [min <sup>-1</sup> ] max.                                                           |                                                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 1642-E3-CCG/PAK                                                                     | 9                                                                                   | 2,200                                                                                                           | ●                                                                                   | XL                                                                                  | 5.5                                                                                 | 5.5 16                                                                              | ● ca./approx. 15 mm                                                                 |

|                                                                                     |                                                                                     |                                                                                                                                                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |                                                                                                                                 |  |  |  |  |
| 自动抬压脚<br>Automatic<br>Sewing<br>foot lift                                           | 第二线张力<br>Additional thread<br>tension                                               | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚<br>冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by<br>dial, with simultaneous automatic speed limitation according<br>to the foot stroke and feeding length | 臂下空间：<br>C=宽度，D=高度<br>Under arm clearance:<br>C=Width, D=Height                     | 化纤合成线/<br>包芯线<br>Synthetic/<br>Core thread                                          | 机针系统<br>Needle<br>system                                                            | 机针规格<br>Needle<br>size                                                              |
|                                                                                     |                                                                                     |                                                                                                                                                                                                                    | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 1642-E3-CCG/PAK                                                                     | ●                                                                                   | —                                                                                                                                                                                                                  | ●                                                                                   | 330 150                                                                             | 20/3                                                                                | 135 × 17 110 - 140                                                                  |



带XL大型垂直旋梭的单针锁缝三同步送料平板厚料机

Single-needle lockstitch, triple-synchronous feed, flatbed heavy-duty sewing machine with XL large vertical rotary hook

- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机）
- 自动剪线、自动倒回针、气动抬压脚，最大交互量达7毫米，安全爬越不同厚度的缝料层
- XL大型垂直旋梭提高生产率（梭芯直径Ø26毫米）
- 缝纫压脚抬升最高可达14毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码8毫米
- 可提供双针机型（1246A）
- 350毫米宽x115毫米高的臂下空间

- Strong three-synchronized feeding system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type buttons, integrated electronic control (direct drive motor)
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting with maximum differential feed of 7 mm, ensuring safe stitching over varying fabric thicknesses
- XL large vertical rotary hook enhances productivity (bobbin diameter Ø26 mm)
- Presser foot lift height up to 14 mm, facilitating easy loading and unloading of thick workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 8 mm
- Double-needle model available (1246A)
- 350 mm wide x 115 mm high under-arm space

应用领域

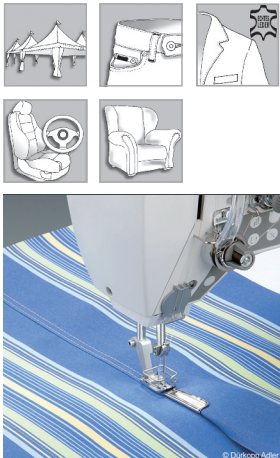
汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|       |  |  |                                                                                                                       |  |  |  |  |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|       | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚送料<br>Bottom feed, needle feed and alternating feet                                                                                                                                         | 垂直旋梭，大号 (XL, Ø 26 毫米)<br>Vertikalgreifer, groß (XL, Ø 26 mm)                        | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
|       | [mm] max.                                                                           | [min <sup>-1</sup> ] max.                                                           |                                                                                                                                                                                                          |                                                                                     |                                                                                     | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |
| 1245A | 8                                                                                   | 2,800                                                                               | ●                                                                                                                                                                                                        | XL                                                                                  | 7                                                                                   | 7 14                                                                                | ● ca./approx. 15 mm                                                                 |
|       |  |  |                                                                                                                       |  |  |  |  |
|       | 自动抬压脚<br>Automatic sewing foot lift                                                 | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间，C=宽度，D=高度<br>Under arm clearance: C=Width, D=Height                            | 化纤合成线/包芯线<br>Synthetic/ Core thread                                                 | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 |
| 1245A | ●                                                                                   | —                                                                                   | —                                                                                                                                                                                                        | C D<br>350 115                                                                      | [Nm] max.<br>20/3                                                                   | 134 - 35                                                                            | 110 - 150                                                                           |



带XXL超大型垂直旋梭，带底牙送料和针送料的双针锁缝平板厚料机

Double-needle lockstitch flatbed heavy-duty machine with XXL extra-large vertical rotary hook with bottom feed and needle feed

- 强效的送料系统带底牙送料和针送料功能，可确保在处理大多数不同厚度和结构的织物时无故障且无位移地送料
- 触摸式按键，一体化电控（直驱电机），多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚
- XXL超大型垂直旋梭提高生产率（梭芯直径Ø32毫米，与标准旋梭Ø26毫米梭芯直径相比，梭芯容量增加了70%）
- 缝纫压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码7毫米
- 335毫米宽x125毫米高的臂下空间

- Powerful feeding system with bottom feed and needle feed functions, ensuring reliable, slippage-free feeding when handling fabrics of varying thicknesses and structures
- Touch-type control panel, integrated electronic control (direct drive motor), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting
- XXL extra-large vertical rotary hook enhances productivity (bobbin diameter Ø32 mm; 70% higher bobbin capacity compared to standard Ø26 mm bobbins)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 7 mm
- 335 mm wide x 125 mm high under-arm space

应用领域

帐篷、牛仔服装或皮革服装应用的通用缝纫操作

Field of application

General sewing operations for tents, denim garments, or leather apparel

技术参数 / Technical Data

|                                                                                     |                                     |                                                                                     |                                    |                                                                                     |                                                  |                                                                                     |                                                                   |                                                                                                                                                                                                          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                       |                                                                                     |                     |
|-------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|---------------------|
|  | 针码长度<br>Stitch length               |  | 每分钟/针数<br>Stitches/min.            |  | 底牙下送料和机针间步送料<br>Untertransport u. Nadeltransport |  | 垂直旋梭、超大级(XXL) Ø 32 mm<br>Vertical hook,extra large (XXL, Ø 32 mm) |                                                                                                                       | 交替压脚行程高度<br>Stroke of the alternatingsewing feet                                    |  | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           |  | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |                       |                                                                                     |                     |
| [mm] max.<br>7                                                                      | [min <sup>-1</sup> ] max.<br>3,000  | ●                                                                                   |                                    | ●                                                                                   |                                                  | XXL                                                                                 |                                                                   | —                                                                                                                                                                                                        |                                                                                     | A [mm] max. B [mm] max.<br>— 20                                                     |                                                                                     | [mm] **<br>● ca./approx. 15 mm                                                      |                                                                                     |                       |                                                                                     |                     |
|  | 自动抬压脚<br>Automatic Sewing foot lift |  | 第二线张力<br>Additional thread tension |  |                                                  |                                                                                     |                                                                   | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length |  | 臂下空间：<br>C=宽度，D=高度<br>Under arm clearance:<br>C=Width, D=Height                     |  | 化纤合成线/<br>包芯线<br>Synthetic/<br>Core thread                                          |  | 机针系统<br>Needle system |  | 机针规格<br>Needle size |
| ●                                                                                   | ●                                   | —                                                                                   |                                    | —                                                                                   |                                                  |                                                                                     |                                                                   |                                                                                                                                                                                                          | C D<br>335 125                                                                      | [Nm] max.<br>20/3                                                                   |                                                                                     | 134 - 35                                                                            | 80 - 130                                                                            |                       |                                                                                     |                     |



带XL大型水平旋梭的单针锁缝三同步送料平板厚料机

Single-needle lockstitch triple feed flatbed heavy-duty machine with XL large horizontal rotary hook

- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机），多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XL大型水平旋梭提高生产率（梭芯直径Ø26毫米）
- 缝纫压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 335毫米宽x125毫米高的臂下空间

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XL large horizontal rotary hook enhances productivity (bobbin diameter Ø26 mm)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 335 mm wide x 125 mm high under-arm space

Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                |  |  |  |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 水平旋梭，大号 (XL, Ø 26 毫米)<br>Horizontal hook, large (XL, Ø 26 mm)                       | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
|                | [mm] max.                                                                           | [min] max.                                                                          |                                                                                     |                                                                                     |                                                                                     | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |
| 2745-170222-33 | 9                                                                                   | 3,000                                                                               | ●                                                                                   | XL                                                                                  | 9                                                                                   | 9 20                                                                                | ● ca./approx. 15 mm                                                                 |

|                |  |  |                                                                                                                       |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                | 自动抬压脚<br>Automatic Sewing foot lift                                                 | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间，C=宽度，D=高度<br>Under arm clearance: C=Width, D=Height                            | 化纤合成线/包芯线<br>Synthetic/ Core thread                                                 | 机针规格<br>Needle size                                                                 |
|                |                                                                                     |                                                                                     |                                                                                                                                                                                                          | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |
| 2745-170222-33 | ●                                                                                   | ●                                                                                   | ●                                                                                                                                                                                                        | 335 125                                                                             | 20/3                                                                                | 134 - 35 80 - 150                                                                   |



带 XL 大型垂直旋梭的单针锁缝三同步送料立柱厚料机

Single-needle lockstitch triple feed post-bed heavy-duty machine with XL large vertical rotary hook

- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 集成电机 P40CD 电控，多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚
- 基于人体工程学设计的手动拨盘能保证快速和准确地对交替压脚上送料功能的调节，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XL大型垂直旋梭提高生产率（梭芯直径Ø26毫米）
- 缝纫压脚抬升最高可达20毫米，便于送料和取料厚重的工作
- 线迹调节旋钮（线迹长度可调），最大针码12毫米
- 345毫米宽x290毫米高的臂下空间

- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Integrated P40CD electronic control unit (motor and control box integrated), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, and pneumatic presser foot lifting
- Ergonomically designed manual dial enables quick and precise adjustment of the alternating presser foot's upper feed function, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XL large vertical rotary hook enhances productivity (bobbin diameter Ø26 mm)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 12 mm
- 345 mm wide x 290 mm high under-arm space

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|
|  |  |  |  |  |  |  |                     |
| 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭。<br>大号 (XL, Ø 26 毫米)<br>Vertikalgräfer, groß (XL, Ø 26 mm)                     | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |                     |
| [mm] max.                                                                           | [min.] max.                                                                         |                                                                                     |                                                                                     |                                                                                     | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |                     |
| 2595 ECO                                                                            | 12                                                                                  | 2,600                                                                               | ●                                                                                   | XL                                                                                  | 9                                                                                   | 20                                                                                  | ● ca./approx. 15 mm |

|                                                                                     |                                                                                     |                                                                                                                                                                                                          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |                                                                                                                       |  |  |  |  |
| 自动抬压脚<br>Automatic Sewing foot lift                                                 | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间：<br>C=宽度，D=高度，P=立柱<br>Under arm clearance: C=Width, D=Height, P=Post           | 化纤合成线/<br>包芯线<br>Synthetic/<br>Core thread                                          | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 |
|                                                                                     |                                                                                     |                                                                                                                                                                                                          | C D P                                                                               | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 2595 ECO                                                                            | ●                                                                                   | ●                                                                                                                                                                                                        | 345 290 170                                                                         | 15/3                                                                                | 134 - 35                                                                            | 90 - 180                                                                            |



带 XL 大型垂直旋梭的双针锁缝三同步送料立柱厚料机

Double-needle lockstitch triple feed post-bed heavy-duty machine with XL large vertical rotary hook

- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 集成电机 P40CD 电控，多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚
- 基于人体工程学设计的手动拨盘能保证快速和准确地对交替压脚上送料功能的调节，最大交叉量达9毫米，安全爬越不同厚度的缝料层
- XL大型垂直旋梭提高生产率（梭芯直径Ø26毫米）
- 缝纫压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码12毫米
- 345毫米宽x290毫米高的臂下空间
- 可选针位6毫米、8毫米、10毫米等

- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Integrated P40CD electronic control unit (motor and control box integrated), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, and pneumatic presser foot lifting
- Ergonomically designed manual dial enables quick and precise adjustment of the alternating presser foot's upper feed function, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XL large vertical rotary hook enhances productivity (bobbin diameter Ø26 mm)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 12 mm
- 345 mm wide x 290 mm high under-arm space
- Optional needle gauge: 6 mm, 8 mm, 10 mm, etc.

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

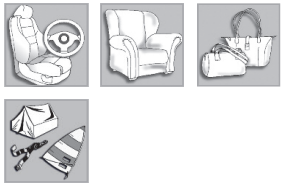
Field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|          |  |  |  |  |  |  |  |
|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|          | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭，<br>大号 (XL, Ø 26 毫米)<br>Vertikalgreifer, groß<br>(XL, Ø 26 mm)                 | 交替压脚行程高度<br>Stroke of the<br>alternating sewing feet                                | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动<br>剪线器<br>Automatic seam<br>back-tacking and<br>thread trimmer              |
|          | [mm] max.                                                                           | [min <sup>-1</sup> ] max.                                                           |                                                                                     |                                                                                     |                                                                                     | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |
| 2596 ECO | 12                                                                                  | 2,600                                                                               | ●                                                                                   | XL                                                                                  | 9                                                                                   | 9 20                                                                                | ● ca./approx. 15 mm                                                                 |

|          |  |  |                                                                                                                                 |  |  |  |  |
|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|          | 自动抬压脚<br>Automatic<br>Sewing<br>foot lift                                           | 第二线张力<br>Additional thread<br>tension                                               | 通过旋钮和膝控开关快速调节压脚冲程，根据<br>压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch<br>or by dial, with simultaneous automatic speed limitation<br>according to the foot stroke and feeding length | 臂下空间：<br>C=宽度，D=高度，P=立柱<br>Under arm clearance:<br>C=Width, D=Height, P=Post        | 化纤合成线/<br>包芯线<br>Synthetic/<br>Core thread                                          | 机针系统<br>Needle<br>system                                                            | 机针规格<br>Needle<br>size                                                              |
|          |                                                                                     |                                                                                     |                                                                                                                                                                                                                    | C D P                                                                               | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 2596 ECO | ●                                                                                   | ●                                                                                   | ●                                                                                                                                                                                                                  | 345 290 170                                                                         | 15/3                                                                                | 134 - 35                                                                            | 90 - 180                                                                            |



带 XL 大型垂直旋梭的双针锁缝三同步送料立柱厚料机

Double-needle lockstitch triple feed post-bed heavy-duty machine with XL large vertical rotary hook

- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机），多功能机头快捷键，如：补针、第二线张力等
- 自动剪线、自动倒回针、气动抬压脚、交替压脚冲程快速调节HP机构，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XL大型垂直旋梭提高生产率（梭芯直径Ø26毫米）
- 缝纫压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 335毫米宽x300毫米高的臂下空间
- 可选针位6毫米、8毫米、10毫米等

- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor), with multifunctional head shortcut keys such as reinforcement stitching and secondary thread tension adjustment
- Automatic thread trimming, automatic back stitching, pneumatic presser foot lifting, and HP mechanism for quick adjustment of alternating presser foot stroke, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XL large vertical rotary hook enhances productivity (bobbin diameter Ø26 mm)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 335 mm wide x 300 mm high under-arm space
- Optional needle gauge: 6 mm, 8 mm, 10 mm, etc.

应用领域

汽车座椅套、包袋、软体行李箱、软体家具，皮革制品和工业纺织品应用的通用缝纫操作

Typical field of application

General sewing operations for automotive seat covers, bags, soft luggage, upholstered furniture, leather goods, and technical textiles

技术参数 / Technical Data

|                                     |                                    |                                                                                                                                                                                                          |                                                                              |                                                   |                                                                           |                                                              |
|-------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------|
|                                     |                                    |                                                                                                                                                                                                          |                                                                              |                                                   |                                                                           |                                                              |
| 针码长度<br>Stitch length               | 每分钟/针数<br>Stitches/min.            | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                                                                                                                                        | 垂直旋梭，大号 (L, Ø 26 毫米)<br>Vertikalgreifer, groß (L, Ø 26 mm)                   | 交替压脚行程高度<br>Stroke of the alternating sewing feet | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer |
| [mm] max.                           | [min <sup>-1</sup> ] max.          |                                                                                                                                                                                                          | XXL                                                                          | 9                                                 | A [mm] max. B [mm] max.                                                   | [mm] **                                                      |
| 2695-270222                         | 9                                  | 2,600                                                                                                                                                                                                    |                                                                              |                                                   | 10 20                                                                     | ca./approx. 15 mm                                            |
|                                     |                                    |                                                                                                                                                                                                          |                                                                              |                                                   |                                                                           |                                                              |
| 自动抬压脚<br>Automatic Sewing foot lift | 第二线张力<br>Additional thread tension | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间：<br>C=宽度，D=高度，P=立柱<br>Under arm clearance:<br>C=Width, D=Height, P=Post | 化纤合成线/<br>包芯线<br>Synthetic/<br>Core thread        | 机针系统<br>Needle system                                                     | 机针规格<br>Needle size                                          |
| 2695-270222                         | ●                                  | ●                                                                                                                                                                                                        | C D P<br>345 290 170                                                         | [Nm] max.<br>15/3                                 | 134 - 35                                                                  | 90 - 180                                                     |



带XL大型水平旋梭的单针锁缝三同步送料筒臂厚料机

Single-needle lockstitch triple feed cylinder-arm heavy-duty machine with XL large horizontal rotary hook

- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机）
- 自动剪线、自动倒回针、气动抬压脚，最大交互量达7毫米，安全爬越不同厚度的缝料层
- XL大型水平旋梭提高生产率（梭芯直径Ø26毫米）
- 缝纫压脚抬升最高可达14毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码6毫米
- 265毫米宽x115毫米高的臂下空间

- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor)
- Automatic thread trimming, automatic back stitching, and pneumatic presser foot lifting, with maximum differential feed of 7 mm, ensuring safe stitching over varying fabric thicknesses
- XL large horizontal rotary hook enhances productivity (bobbin diameter Ø26 mm)
- Presser foot lift height up to 14 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 6 mm
- 265 mm wide x 115 mm high under-arm space

应用领域

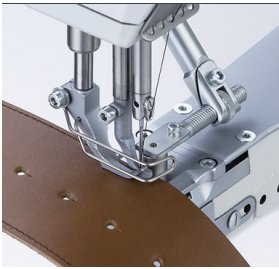
小件皮革缝料和管状缝件的装配及包边操作，以及装饰明缝

Field of application

Assembly and edging operations for small leather pieces and tubular sewing items, as well as decorative topstitching

技术参数 / Technical Data

|      | <br>针码长度<br>Stitch length               | <br>每分钟/针数<br>Stitches/min.            | <br>下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                                                                                                                                        | <br>水平旋梭，大号 (XL, Ø 26 毫米)<br>Horizontal hook, large (XL, Ø 26 mm)     | <br>交替压脚行程高度<br>Stroke of the alternating sewing feet | <br>A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting | <br>自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer |
|------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 1235 | [mm] max.<br>6                                                                                                             | [min <sup>-1</sup> ] max.<br>2,800                                                                                        | ●                                                                                                                                                                                                                                                                                               | XL                                                                                                                                                       | 7                                                                                                                                        | A [mm] max. 7<br>B [mm] max. 14                                                                                                                                  | [mm] **<br>● ca./approx. 15 mm                                                                                                                      |
|      | <br>自动抬压脚<br>Automatic Sewing foot lift | <br>第二线张力<br>Additional thread tension | <br>通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | <br>筒臂式缝纫机带集成直驱电机<br>Cylinderarm machine with integrated direct drive | <br>化纤合成线/包芯线<br>Synthetic/ Core thread               | <br>机针系统<br>Needle system                                                     | <br>机针规格<br>Needle size                                          |
| 1235 | ●                                                                                                                          | —                                                                                                                         | —                                                                                                                                                                                                                                                                                               | ●                                                                                                                                                        | [Nm] max.<br>40/3                                                                                                                        | 134 - 35                                                                                                                                                         | 80 - 100                                                                                                                                            |



带XL大型水平旋梭的单针锁缝三同步送料筒臂厚料机

Single-needle lockstitch triple feed cylinder-arm heavy-duty machine with XL large horizontal rotary hook

- 强效的三同步送料系统，底牙送料，针送料和交替压脚送料
- 触摸式按键，一体化电控（直驱电机）
- 自动剪线、自动倒回针、气动抬压脚，最大交互量达9毫米，安全爬越不同厚度的缝料层
- XL大型水平旋梭提高生产率（梭芯直径Ø26毫米）
- 缝绗压脚抬升最高可达20毫米，便于送料和取料厚重的工件
- 线迹调节旋钮（线迹长度可调），最大针码9毫米
- 335毫米宽x130毫米高的臂下空间

- Powerful triple feed system: bottom feed, needle feed, and alternating presser foot feed
- Touch-type control panel, integrated electronic control (direct drive motor)
- Automatic thread trimming, automatic back stitching, and pneumatic presser foot lifting, with maximum differential feed of 9 mm, ensuring safe stitching over varying fabric thicknesses
- XL large horizontal rotary hook enhances productivity (bobbin diameter Ø26 mm)
- Presser foot lift height up to 20 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Stitch length adjustment knob (adjustable stitch length), maximum stitch length 9 mm
- 335 mm wide x 130 mm high under-arm space

应用领域

小件皮革缝料和管状缝件的装配及包边操作，以及装饰明缝

Field of application

Assembly and edging operations for small leather pieces and tubular sewing items, as well as decorative topstitching

技术参数 / Technical Data

|                                                                                                                            |                                                                                                                           |                                                                                                                                                                                                                                                                                                 |                                                                                                                                                          |                                                                                                                                          |                                                                                                                                                                  |                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>针码长度<br>Stitch length               | <br>每分钟/针数<br>Stitches/min.            | <br>下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                                                                                                                                        | <br>水平旋梭，大号 (XL, Ø 26 毫米)<br>Horizontal hook, large (XL, Ø 26 mm)     | <br>交替压脚行程高度<br>Stroke of the alternating sewing feet | <br>A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting | <br>自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer |
| [mm] max.<br>9                                                                                                             | [min <sup>-1</sup> ] max.<br>3,000                                                                                        | ●                                                                                                                                                                                                                                                                                               | XL                                                                                                                                                       | 9                                                                                                                                        | A [mm] max. 9<br>B [mm] max. 20                                                                                                                                  | [mm] **<br>● ca./approx. 15 mm                                                                                                                      |
| <br>自动抬压脚<br>Automatic Sewing foot lift | <br>第二线张力<br>Additional thread tension | <br>通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | <br>筒臂式缝纫机带集成直驱电机<br>Cylinderarm machine with integrated direct drive | <br>化纤合成线/包芯线<br>Synthetic/ Core thread               | <br>机针系统<br>Needle system                                                     | <br>机针规格<br>Needle size                                          |
| ●                                                                                                                          | ●                                                                                                                         | ●                                                                                                                                                                                                                                                                                               | ●                                                                                                                                                        | [Nm] max.<br>20/3                                                                                                                        | 134 - 35                                                                                                                                                         | 80 - 150                                                                                                                                            |



安全气囊爆裂缝工作站

- 符合人体工程学设计的缝纫工作站，可实现最佳生产条件。在生产安全相关的接缝时，具有很好的质量保证
- 使用2545 Plus型机头，带XXL超大型垂直旋梭（梭芯直径Ø32毫米）
- 配备底线余量传感器，旋梭盖板监测
- 带有集成切口（记号）检测的机械可调式导边器
- 配备线张力监测传感器，实时监控每针的线张力
- 能监测和记录缝线在设定缝制范围内、外的跳针
- 机械式夹线器组件（MTT，带锁定装置）
- 机头扫描仪，手持扫描仪
- 包括面线和底线扫描仪的线架
- 使用17英寸触控屏来控制所有功能
- 标签可自由设计
- 马达驱动的分离式绕线器
- UPS装置提供不间断的电力供应
- 带裁剪功能的打印机

应用领域

汽车工业，所有需要监控及记录的缝纫操作

Engineered sewing station for documented  
airbag tearing seams

- Ergonomically designed sewing workstation ensuring optimal production conditions and high-quality assurance for safety-critical seams
- Equipped with 2545 Plus sewing head featuring an XXL extra-large vertical rotary hook (bobbin diameter Ø32 mm)
- Bottom thread reserve sensor and rotary hook cover monitoring for continuous process control
- Mechanically adjustable edge guide with integrated cut (mark) detection
- Thread tension monitoring sensors for real-time detection of thread tension on every stitch
- Capability to detect, monitor, and record skipped stitches both within and outside the defined sewing range
- Mechanical thread tension unit (MTT) with locking mechanism for consistent thread control
- Head-mounted scanner and handheld scanner for component and process verification
- Thread stand with integrated scanners for both top and bottom threads
- 17-inch touchscreen interface for intuitive control of all workstation functions
- Customizable label design and printing functionality
- Motor-driven, detachable bobbin winder for efficient bobbin preparation
- Uninterruptible Power Supply (UPS) to ensure continuous operation during power fluctuations
- Integrated printer with cutting function for label and document output

Field of application

Automotive industry and any sewing applications requiring full monitoring, traceability, and documentation of the sewing process

技术参数 / Technical Data

|      |  |  |  |  |  |  |  |
|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|      | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 下送料、机针送料和交替压脚上送料<br>Bottom feed, needle feed and alternating feet                   | 垂直旋梭、超大型(XXL) Ø 32 mm<br>Vertical hook, extra large (XXL, Ø 32 mm)                  | 交替压脚行程高度<br>Stroke of the alternating sewing feet                                   | A=缝制时空间<br>A=Clearance when sewing<br>B=停车时空间<br>B=Clearance when lifting           | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
|      | [mm] max.                                                                           | [min <sup>-1</sup> ] max.                                                           |                                                                                     |                                                                                     |                                                                                     | A [mm] max. B [mm] max.                                                             | [mm] **                                                                             |
| 3745 | 9                                                                                   | 3,000                                                                               | ●                                                                                   | XXL                                                                                 | 9                                                                                   | 9 20                                                                                | ● ca./approx. 15 mm                                                                 |

|      |  |  |                                                                                                                       |  |  |  |  |
|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|      | 自动抬压脚<br>Automatic sewing foot lift                                                 | 第二线张力<br>Additional thread tension                                                  | 通过旋钮和膝控开关快速调节压脚冲程，根据压脚冲程和送布长度自动模拟限速<br>Control for quick foot stroke adjustment via knee switch or by dial, with simultaneous automatic speed limitation according to the foot stroke and feeding length | 臂下空间：<br>C=宽度，D=高度<br>Under arm clearance:<br>C=Width, D=Height                     | 化纤合成线/<br>包芯线<br>Synthetic/<br>Core thread                                          | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 |
|      |                                                                                     |                                                                                     |                                                                                                                                                                                                          | C D                                                                                 | [Nm] max.                                                                           |                                                                                     |                                                                                     |
| 3745 | ●                                                                                   | ●                                                                                   | ●                                                                                                                                                                                                        | 335 125                                                                             | 15/3                                                                                | 134 - 35                                                                            | 90 - 160                                                                            |



### 旋转缝纫机头式数控缝制单元（垂直旋梭）

- 机头可任意角度旋转跟踪缝制线迹，保证缝制线迹质量
- 采用MH2645机头为上下旋转缝制单元
- 机头可升降，升降高度达50毫米
- XXL超大型垂直旋梭提高生产率（梭芯直径 $\varnothing 32$ 毫米，与标准旋梭 $\varnothing 26$ 毫米梭芯直径相比，梭芯容量增加了70%）
- 配有15.6英寸显示屏，内存16GB（最多可存16000个图案），标配CF卡槽和USB接口，可连接无线网络，并具备CAD打版及修图功能
- 配有压脚微调机构，可通过步进马达细微调整压脚高度。面料厚度发生变更时可实现稳定的缝纫作业
- 底线用量软件监测，及时停机提示更换底线
- 线张力控制：EMTT（机械夹线器+气动夹线器）
- 面线断线检测装置
- X, Y轴送料驱动采用滚珠丝杆

### 应用领域

适用于汽车座椅、汽车安全气囊袋、汽车内饰、航空座椅、家居、家具等

### CNC sewing unit with rotating head and vertical rotary hook

- Rotatable sewing head enables arbitrary angle tracking of seam, ensuring high-quality, precise stitching along complex contours
- Equipped with MH2645 sewing head for fully programmable upper and lower rotary stitching operations
- Motorized head lifting mechanism with up to 50 mm vertical travel for enhanced maneuverability and thread handling
- XXL extra-large vertical rotary hook boosts productivity (bobbin diameter  $\varnothing 32$  mm; 70% higher bobbin capacity compared to standard  $\varnothing 26$  mm bobbins)
- Integrated 15.6-inch display with 16GB internal memory (stores up to 16,000 patterns), CF card slot, USB ports, and Wi-Fi connectivity; supports CAD pattern creation and image editing functions
- Presser foot micro-adjustment mechanism driven by stepper motor allows fine height adjustments; ensures stable sewing performance when handling varying fabric thicknesses
- Software-based bobbin thread monitoring system automatically detects low bobbin thread and prompts timely replacement
- Dual-mode thread tension control: EMTT (mechanical thread tensioner + pneumatic thread tensioner) for precise and adaptive tension management
- Top thread breakage detection sensor ensures process reliability by stopping the machine upon thread break
- X and Y-axis material feeding driven by precision ball screws for high accuracy, repeatability, and smooth motion control

### Field of application

Ideal for sewing operations in automotive seating, airbags, automotive interiors, aircraft seats, home textiles, and upholstered furniture



大型垂直旋梭的单针锁缝（右）滚轮送料立柱式罗拉车

Single-needle lockstitch post-bed roller feed machine (right-hand) with large vertical rotary hook

- 强效的送料系统：底轮送料，针送料和滚轮压脚上送料，可在加工不同的材料厚度时保证送料的稳定性
- 独特的倒缝结构设计，确保倒回针线迹的重合率
- 独特的缝纫结构可把针杆提升到41毫米，可以适配不同粗细的合成缝线：Nm80/3-Nm15/3号
- 按键式操作面板，一体化电控（直驱电机）
- 自动剪线、自动倒回针、自动抬压脚，上下滚轮送料能满足爬越不同厚度的缝料层
- 大型垂直旋梭提高生产率
- 缝纫压脚抬升最高可达13毫米，便于送料和取料厚重的工件
- 线迹长度可调，最大针码7毫米
- -900/82强大而可靠的短线尾剪线器（电磁铁控制），线尾长度少于2毫米
- -900/83强大而可靠的剪线器（电磁铁控制）用于缝线最粗：15/3号syn化纤线
- -910/17电磁控制的抬压脚装置，带有用于中途抬滚轮压脚的附加靠腿杆；不需要压缩空气
- -911/50电磁控制倒缝加固装置，在缝纫机头上增加按键，用于中途倒缝加固，新款结构，能使倒缝重针更加稳定

- Powerful triple feed system: bottom roller feed, needle feed, and roller presser foot top feed, ensuring stable material feeding across varying fabric thicknesses
- Unique reverse stitching mechanism design ensures high stitch overlap accuracy
- Special sewing structure allows needle bar stroke up to 41 mm, compatible with a wide range of synthetic threads from Nm80/3 to Nm15/3
- Button-type control panel with integrated electronic control (direct drive motor)
- Automatic thread trimming, automatic back stitching, and automatic presser foot lifting; upper and lower roller feed system enables smooth stitching over varying material thicknesses
- Large vertical rotary hook enhances productivity
- Presser foot lift height up to 13 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Adjustable stitch length, maximum stitch length 7 mm
- -900/82: High-performance short thread trimmer (solenoid-controlled), producing thread tails less than 2 mm
- -900/83: Heavy-duty thread trimmer (solenoid-controlled), suitable for thick threads up to 15/3 syn (synthetic)
- -910/17: Solenoid-controlled presser foot lifting device with additional knee lever for mid-seam roller lift - operates without compressed air
- -911/50: Solenoid-controlled reverse stitching reinforcement device with a dedicated button on the machine head for mid-seam reinforcement; new design ensures more stable reverse stitching

应用领域

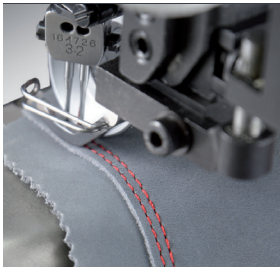
各种类型鞋面的缝合工序

Field of application

Sewing operations for all types of shoe uppers

技术参数 / Technical Data

|     |  |  |  |  |  |  |  |  |  |  |
|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|     | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 压脚抬升高度<br>Wheel feed                                                                | 垂直旋梭，（梭芯直径Ø 22 mm）<br>Vertical hook, small (Ø 22 mm)                                | 上、下滚轮送料和机针送料<br>Top and bottom wheel feed and needle feed                           | 立柱式缝纫机<br>Post bed sewing machine                                                   | 化纤合成线/包芯线<br>Synthetic/ Core thread                                                 | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
|     | [mm] max.                                                                           | [min <sup>-1</sup> ] max.                                                           | [mm] max.                                                                           |                                                                                     |                                                                                     |                                                                                     | [Nm] max.                                                                           |                                                                                     |                                                                                     | [mm] **                                                                             |
| 591 | 7                                                                                   | 3,000                                                                               | 13                                                                                  | XL                                                                                  | ●                                                                                   | ●                                                                                   | 15/3                                                                                | 134 - 35                                                                            | 90 - 180                                                                            | ● ca./approx. 7 mm                                                                  |



大型垂直旋梭的双针锁缝滚轮送料立柱式罗拉车

Double-needle lockstitch post-bed roller feed machine with large vertical rotary hook

- 强效的送料系统：底轮送料，针送料和滚轮压脚上送料，可在加工不同的材料厚度时保证送料的稳定性
- 独特的倒缝结构设计，确保倒回针线迹的重合率
- 独特的缝绗结构可把针杆提升到41毫米，可以适配不同粗细的合成缝线：Nm80/3-Nm15/3号
- 按键式操作面板，一体化电控（直驱电机）
- 自动剪线、自动倒回针、自动抬压脚，上下滚轮送料能满足爬越不同厚度的缝料层
- 大型垂直旋梭提高生产率
- 缝绗压脚抬升最高可达13毫米，便于送料和取料厚重的工件
- 线迹长度可调，最大针码3.6毫米
- 可选针位1.6-2.0毫米、1.8-2.0毫米、2.2-2.4毫米等
- -900/83强大而可靠的剪线器（电磁铁控制）用于缝线最粗：15/3号syn化纤线
- -910/17电磁控制的抬压脚装置，带有用于中途抬滚轮压脚的附加靠腿杆；不需要压缩空气
- -911/50电磁控制倒缝加固装置，在缝绗机头上增加按键，用于中途倒缝加固，新款结构，能使倒缝重针更加稳定

- Powerful triple feed system: bottom roller feed, needle feed, and roller presser foot top feed, ensuring stable material feeding across varying fabric thicknesses
- Unique reverse stitching mechanism design ensures high stitch overlap accuracy
- Special sewing structure allows needle bar stroke up to 41 mm, compatible with a wide range of synthetic threads from Nm80/3 to Nm15/3
- Button-type control panel with integrated electronic control (direct drive motor)
- Automatic thread trimming, automatic back stitching, and automatic presser foot lifting; upper and lower roller feed system enables smooth stitching over varying material thicknesses
- Large vertical rotary hook enhances productivity
- Presser foot lift height up to 13 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Adjustable stitch length, maximum stitch length 3.6 mm
- Optional needle gauge: 1.6-2.0 mm, 1.8-2.0 mm, 2.2-2.4 mm, etc.
- -900/83: Heavy-duty thread trimmer (solenoid-controlled), suitable for thick threads up to 15/3 syn (synthetic)
- -910/17: Solenoid-controlled presser foot lifting device with additional knee lever for mid-seam roller lift - operates without compressed air
- -911/50: Solenoid-controlled reverse stitching reinforcement device with a dedicated button on the machine head for mid-seam reinforcement; new design ensures more stable reverse stitching

应用领域

各种类型鞋面的双线缝合工序

Field of application

Double-needle stitching operations for all types of shoe uppers

技术参数 / Technical Data

|     |  |  |  |  |  |  |  |  |  |  |
|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|     | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 压脚抬升高度<br>Wheel feed                                                                | 垂直旋梭。（梭芯直径Ø 22 mm）<br>Vertical hook, small (Ø 22 mm)                                | 上、下滚轮送料<br>Top and bottom wheel feed                                                | 立柱式缝纫机<br>Post bed sewing machine                                                   | 化纤合成线/包芯线<br>Synthetic/ Core thread                                                 | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
|     | [mm] max.                                                                           | [min'] max.                                                                         | [mm] max.                                                                           |                                                                                     |                                                                                     |                                                                                     | [Nm] max.                                                                           |                                                                                     |                                                                                     | [mm] **                                                                             |
| 574 | 3.6                                                                                 | 3,000                                                                               | 13                                                                                  | XL                                                                                  | ●                                                                                   | ●                                                                                   | 15/3                                                                                | 134 - 35                                                                            | 90 - 180                                                                            | ● ca./approx. 7 mm                                                                  |



大型垂直旋梭的单针锁缝（左/右）滚轮送料  
立柱式步进罗拉车

Single-needle lockstitch post-bed stepping  
roller feed machine (left-hand/right-hand) with  
large vertical rotary hook

- 强效的送料系统：步进电机控制的底轮送料和滚轮压脚上送料以及针送料，可在加工不同的材料厚度时保证送料的稳定性
- 缝纫中可随时开启差动送料
- 独特的倒缝结构设计，确保倒回针线迹的重合率
- 独特的缝纫结构可把针杆提升到41毫米，可以适配不同粗细的合成缝线：Nm80/3-Nm15/3号
- 按键式操作面板，一体化电控（直驱电机），可以随时复制针码长度，预设缝线长度，调整倒缝针数
- 半针码功能用于转角缝，目标缝，程控缝
- 自动剪线、自动倒回针、自动抬压脚，上下滚轮送料能满足爬越不同厚度的缝料层
- 大型垂直旋梭提高生产率
- 缝纫压脚抬升最高可达13.5毫米，便于送料和取料厚重的工件
- 线迹长度可调，最大针码7毫米
- -725/04：底部传送修边刀（选购）

- Powerful triple feed system driven by a stepping motor: controlled feed roller, needle feed, and roller presser foot top feed, ensuring exceptional feeding stability across varying material thicknesses
- Differential feed can be activated at any time during sewing for enhanced seam control
- Unique back stitching mechanism design ensures precise stitch overlap
- Special sewing head structure allows needle bar stroke up to 41 mm, compatible with a wide range of synthetic threads from Nm80/3 to Nm15/3
- Button-type control panel with integrated electronic control (direct drive motor); enables real-time copying of stitch length, presetting of sewing length, and adjustable number of reverse stitches
- Half-stitch function for precise corner sewing, target stitching, and programmable seam applications
- Automatic thread trimming, automatic reverse stitching, and automatic presser foot lifting; upper and lower roller feed system ensures smooth climbing over varying fabric thicknesses
- Large vertical rotary hook enhances productivity
- Presser foot lift height up to 13.5 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Adjustable stitch length, maximum stitch length 7 mm
- -725/04: Bottom-mounted trimming blade for edge cutting (optional)

应用领域

鞋类、皮革制品和汽车内饰中的缝合工序，装饰缝和压明线缝

Field of application

Sewing, decorative stitching, and topstitching operations in footwear, leather goods, and automotive interior manufacturing

技术参数 / Technical Data

|      | <br>针码长度<br>Stitch length | <br>每分钟/针数<br>Stitches/min. | <br>压脚抬升高度<br>Wheel feed | <br>垂直旋梭，（梭芯直径Ø 22 mm）<br>Vertical hook, small (Ø 22 mm) | <br>上、下滚轮送料<br>Top and bottom wheel feed | <br>立柱式缝纫机<br>Post bed sewing machine | <br>化纤合成线/包芯线<br>Synthetic/ Core thread | <br>机针系统<br>Needle system | <br>机针规格<br>Needle size | <br>自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer |
|------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|      | [mm] max.                                                                                                    | [min"] max.                                                                                                    | [mm] max.                                                                                                   |                                                                                                                                             |                                                                                                                             |                                                                                                                          | [Nm] max.                                                                                                                  |                                                                                                              |                                                                                                            | [mm] **                                                                                                                                             |
| 1571 | 7                                                                                                            | 3,000                                                                                                          | 13.5                                                                                                        | XL                                                                                                                                          | ●                                                                                                                           | ●                                                                                                                        | 15/3                                                                                                                       | 134 - 35                                                                                                     | 90 - 180                                                                                                   | ● ca./approx. >3mm                                                                                                                                  |
| 1591 | 7                                                                                                            | 3,000                                                                                                          | 13.5                                                                                                        | XL                                                                                                                                          | ●                                                                                                                           | ●                                                                                                                        | 15/3                                                                                                                       | 134 - 35                                                                                                     | 90 - 180                                                                                                   | ● ca./approx. >3mm                                                                                                                                  |



大型垂直旋梭的双针锁缝滚轮送料立柱式步进罗拉车

Double-needle lockstitch post-bed stepping roller feed machine with large vertical rotary hook

- 强效的送料系统：步进电机控制的底轮送料和滚轮压脚上送料以及针送料，可在加工不同的材料厚度时保证送料稳定性
- 缝绗中可随时开启差动送料
- 独特的倒缝结构设计，确保倒回针线迹的重合率
- 独特的缝绗结构可把针杆提升到41毫米，可以适配不同粗细的合成缝线：Nm80/3-Nm15/3号
- 按键式操作面板，一体化电控（直驱电机），可以随时复制针码长度，预设缝线长度，调整倒缝针数
- 半针码功能用于转角缝，目标缝，程控缝
- 自动剪线、自动倒回针、自动抬压脚，上下滚轮送料能满足爬越不同厚度的缝料层
- 大型垂直旋梭提高生产率
- 缝绗压脚抬升最高可达13毫米，便于送料和取料厚重的工件
- 线迹长度可调，最大针码3.6毫米
- 可选针位1.6-2.0毫米、1.8-2.0毫米、2.2-2.4毫米等

- Powerful triple feed system driven by a stepping motor: controlled feed roller, needle feed, and roller presser foot top feed, ensuring exceptional feeding stability across varying material thicknesses
- Differential feed can be activated at any time during sewing for enhanced seam control
- Unique back stitching mechanism design ensures precise stitch overlap
- Special sewing head structure allows needle bar stroke up to 41 mm, compatible with a wide range of synthetic threads from Nm80/3 to Nm15/3
- Button-type control panel with integrated electronic control (direct drive motor); enables real-time copying of stitch length, presetting of sewing length, and adjustable number of reverse stitches
- Half-stitch function for precise corner sewing, target stitching, and programmable seam applications
- Automatic thread trimming, automatic back stitching, and automatic presser foot lifting; upper and lower roller feed system ensures smooth climbing over varying fabric thicknesses
- Large vertical rotary hook enhances productivity
- Presser foot lift height up to 13 mm, facilitating easy loading and unloading of thick and bulky workpieces
- Adjustable stitch length, maximum stitch length 3.6 mm
- Optional needle gauge: 1.6-2.0 mm, 1.8-2.0 mm, 2.2-2.4 mm, etc.

应用领域

鞋类、皮革制品和汽车内饰中的缝合工序，装饰缝和压明线缝

Field of application

Double-needle sewing, decorative stitching, and topstitching operations in footwear, leather goods, and automotive interior manufacturing

技术参数 / Technical Data

|      |  |  |  |  |  |  |  |  |  |  |
|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|      | 针码长度<br>Stitch length                                                               | 每分钟/针数<br>Stitches/min.                                                             | 压脚抬升高度<br>Wheel feed                                                                | 垂直旋梭。(梭芯直径Ø 22 mm)<br>Vertical hook, small (Ø 22 mm)                                | 上、下滚轮送料<br>Top and bottom wheel feed                                                | 立柱式缝纫机<br>Post bed sewing machine                                                   | 化纤合成线/包芯线<br>Synthetic/ Core thread                                                 | 机针系统<br>Needle system                                                               | 机针规格<br>Needle size                                                                 | 自动倒缝和自动剪线器<br>Automatic seam back-tacking and thread trimmer                        |
|      | [mm] max.                                                                           | [min'] max.                                                                         | [mm] max.                                                                           |                                                                                     |                                                                                     |                                                                                     | [Nm] max.                                                                           |                                                                                     |                                                                                     | [mm] **                                                                             |
| 1574 | 5                                                                                   | 3,000                                                                               | 13                                                                                  | XL                                                                                  | ●                                                                                   | ●                                                                                   | 15/3                                                                                | 134 - 35                                                                            | 90 - 180                                                                            | ● ca./approx. 7 mm                                                                  |

**MP1310H1-H**  
**MP1510H1-H**  
**MP2210H1-H**

**MAUSER**  
S P E Z I A L



### 直接驱动程序式电脑花饰机

### Direct drive procedural computer floral decoration sewing machine

- 线迹精美，可靠的花饰缝纫
- 最高缝纫速度2,700rpm
- 使用3.5mm针距
- 强大的机针贯穿力
- 电耗低，经济实用
- 使用两步下降的大压脚轻松定位布料
- 视野宽阔清晰可见，由于未安装压脚臂支撑板，从而使视野宽阔清晰可见，同时使缝纫检查和面料定位也更简单

#### 应用领域

箱包、制鞋、服装、汽车内饰、非金属密件行业的各类柔性复合材料

- Exquisite and reliable stitch quality for decorative stitching
- Maximum sewing speed of 2,700 rpm
- 3.5 mm needle gauge
- Powerful needle penetration force
- Low power consumption, economical and practical
- Easy fabric positioning with a two-step lowering presser foot
- Wide, unobstructed visibility due to the absence of a presser foot arm support plate, enabling easier sewing inspection and fabric alignment

#### Field of application

Flexible composite materials in the luggage, footwear, apparel, automotive interior, and non-metallic sealing industries.

**MP4530H1-H**  
**MP3525H1-H**  
**MP3020H1-H**

**MAUSER**  
S P E Z I A L



**直接驱动程式电脑花饰机**

**Direct drive procedural computer floral decoration sewing machine**

- 采用了伺服控制和刚性提高的送布装置，因此可缝制出高精度图案，即高速缝纫或缝纫厚料时，也不会发生电脑花饰机常有的不良线迹和偏位问题。
- 线迹精美，可靠的花饰缝纫
- 最高缝纫速度2,700rpm
- 使用3.5mm针距
- 强大的机针贯穿力
- 电耗低，经济实用
- 使用两步下降的大压脚轻松定位布料

- Equipped with servo feed control and a reinforced, high-rigidity feed mechanism, enabling high-precision stitching. Even at high speeds or when sewing thick materials, common issues of computerized embroidery machines - such as poor stitch quality and pattern misalignment - are effectively prevented
- Exquisite and reliable decorative stitching
- Maximum sewing speed of 2,700 rpm
- 3.5 mm needle gauge
- Powerful needle penetration force
- Low power consumption, economical and practical
- Easy fabric positioning with a two-step lowering presser foot

**应用领域**

箱包、制鞋、服装、汽车内饰、非金属密件行业的各类柔性复合材料

**Field of application**

Flexible composite materials in the luggage, footwear, apparel, automotive interior, and non-metallic sealing industries.



直接驱动程序式电脑花饰机

Direct drive procedural computer flora!  
decoration sewing machine

- 实现节能的同时，高效地实现美观缝绿600\*300mm的大缝纫区域，可以支持更加多样化的缝制
- 准确根据缝纫数据进行美观缝纫
- 强大的机针贯穿力
- 耗电低，经济实用
- 实用两步下降的大压脚轻松定位面料
- 用程序编辑器(选购件)轻松创建缝纫数据

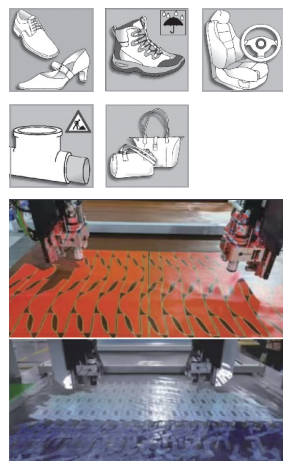
- Excellent sewing as well as enetgy saving 600\*300mm sewing arer, various stitch patterns
- Exquisite sewing stitch according to sewing data
- Powerful needle penetration force
- Low power consumption,economical and practical
- Using two step down big presser foot easily locate fabric
- Apply simple program editor (option)

应用领域

箱包、制鞋、服装、汽车内饰、非金属密件行业的各类柔性复合材料

Field of application

Flexible composite materials in the luggage, footwear, apparel, automotive interior, and non-metallic sealing industries.



## 通道式智能裁切机

## Intelligent channel cutting machine

- 智能排版：软件自动排版，合理利用材料，减少浪费，支持放码修改和自动铺料
- 自动铺料：按排版自动铺料，一次最多10层，省时省力，提高生产效率
- 自动切割：振动刀切割，速度快、精度高，边缘光滑无毛刺，不发黄发焦，无粉尘烟味，环保高效；可多层切割，最厚10mm，无需提刀，精细图案也能切，效率比人工高4-6倍
- 自动冲孔：伺服控制，模具冲孔，定位精准，换冲子可实现不同形状大小的孔
- 系统先进：高性能控制系统和软件，支持双头异步切割冲孔，速度快剪度高；具备智能排版、自动送料、无缝拼切功能，支持U盘、网络、USB通讯，可脱机运行，维护方便
- 双投影显示：双投影清晰显示切割图，不同工件用不同颜色区分，便于定位和分拣
- 双头一体：双横梁结构，双头异步控制，切割冲孔一体完成
- 稳定结构：合铝双横梁，全伺服控制，精密丝杠传动，运行轻快、安静、稳定
- 自适应压盘：压力自适应弧形压盘，压力平整，提升切割精度，阻力小，不留压痕
- 安全防护：机台前方装有光幕感应器，有效防止运行中对人员的伤害

- Intelligent Nesting: Software automatically nests patterns, optimizes material usage, reduces waste, and supports grading, editing, and automatic fabric laying
- Automatic Fabric Laying: Automatically lays fabric according to the layout, up to 10 layers at a time, saving time and labor while improving production efficiency
- Automatic Cutting: Uses a vibrating knife for fast, precise cutting with smooth, burr-free edges; no yellowing or charring, no dust or fumes—eco-friendly and efficient. Capable of multi-layer cutting up to 10mm thick. No need to lift the knife during cutting, enabling fine details and notches to be cut in one go. 4-6 times more efficient than manual cutting
- Automatic Punching: Servo-controlled, die-based punching with precise positioning. Different punch shapes and sizes can be achieved by changing the punch pin
- Advanced System: High-performance control system and software support dual-head asynchronous cutting and punching with high speed and accuracy. Features intelligent nesting, automatic continuous feeding, and seamless splicing. Supports USB flash drive, network, and USB communication, and can operate offline for easy maintenance
- Dual Projection Display: Dual projection clearly shows cutting patterns, with different workpieces displayed in different colors for easy positioning and sorting.
- Dual-Head Integrated Design: Dual-beam structure with asynchronous dual-head control, enabling integrated cutting and punching in one unit
- Stable Structure: Aluminum alloy dual-beam design with full servo control and precision ball screw drive for light, fast, quiet, and stable operation
- Adaptive Pressure Pad: Arc-shaped pressure pad with self-adaptive pressure ensures flat material placement, improves cutting accuracy, reduces resistance, and leaves no marks
- Safety Protection: Safety light curtain sensor installed at the front of the machine effectively prevents injury to personnel during operation

## 应用领域

箱包、制鞋、服装、汽车内饰、非金属密件行业的各类柔性复合材料

## Field of application

Flexible composite materials in the luggage, footwear, apparel, automotive interior, and non-metallic sealing industries.



### 智能裁切机

### Intelligent cutting machine

- 专业CAM软件：自研切割软件，支持台面补偿、自动寻边、过切优化、多任务循环切割、小/大视觉定位、投影定位、激光测绘、成本估算、文件管理等功能
- 投影定位系统：将切割图形1:1投影到台面，方便材料对位，支持不规则零料对位切割，提高材料利用率
- 激光测绘定位：用激光测绘零料轮廓，将图形匹配到实测区域内，实现精准切割，提升零料利用率
- 大视觉定位系统：通过高精度相机拍摄，提取实际工件轮廓，解决柔性材料因温湿、拉伸等导致的变形问题，实现精准套切，适用于广告喷印、服装面料等行业
- 自动定位套切：采用CCD摄像头识别标记点，分析图形变形规律，自动调整轮廓进行精确套切
- 过切优化功能：系统优化刀具过切问题，更好还原图形原始轮廓
- 光纤激光对刀仪：使用光纤激光传感器自动检测刀具位置，对刀快速准确，提升效率
- 防撞安全系统：配备安全光幕和机械防撞装置，防止设备高速运行时造成人员伤亡
- 文件管理系统：软件自动记录文件名、加工时间、数量、材料、批次等信息，生成条码或二维码，扫码可快速调用，支持历史记录查询，便于文件管理和复用

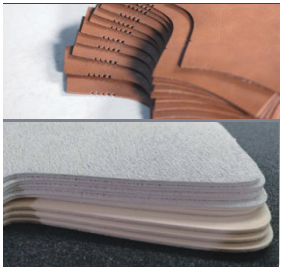
- Professional CAM Software: Self-developed cutting software supports table compensation, automatic edge finding, overcut optimization, multi-task cyclic cutting, small/large vision registration, projection positioning, laser mapping, cost estimation, and file management
- Projection Positioning System: Projects the cutting pattern 1:1 onto the worktable surface, enabling easy material alignment. Supports nesting and cutting of irregular offcuts, improving material utilization
- Laser Mapping Positioning: Uses laser scanning to map the outline of scrap material, allowing graphics to be fitted within the scanned area for precise cutting, significantly improving offcut utilization
- Large Vision Registration System: Employs a high-precision camera to capture real-time images and extract actual workpiece contours. Compensates for pattern deformation caused by temperature, humidity, ink, pressure, stretching, or wrinkling in flexible materials, enabling accurate contour cutting. Widely used in digital printing and apparel fabric industries
- Automatic Registration and Nested Cutting: Uses a CCD camera to capture registration marks, analyzes deformation patterns, and automatically adjusts the original cutting path for precise nested cutting
- Overcut Optimization: Systematically compensates for tool overcut to better preserve the original shape of the design
- Fiber Laser Tool Setter: Automatically and accurately detects tool position using a fiber laser sensor, significantly improving setup efficiency
- Collision Prevention Safety System: Equipped with safety light curtains and mechanical collision protection to prevent injury during high-speed operation
- File Management System: Software automatically records job details such as file name, processing time, quantity, material, and batch number. Generates barcodes or QR codes for quick file retrieval. Maintains historical records for easy file management and reuse

### 应用领域

箱包、制鞋、服装、汽车内饰、非金属密件行业的各类柔性复合材料

### Field of application

Flexible composite materials in the luggage, footwear, apparel, automotive interior, and non-metallic sealing industries.



智能裁切机（打样专用）

- 专为中小批量订单设计，替代手工和刀模裁断，具备高清晰投影、真空吸附固定、振动刀切割等功能，广泛应用于皮鞋、皮具等行业，功能齐全
- AI智能视觉定位+欧洲顶级制鞋切割算法+超高精度切割
- 多功能集成设计：集画线，冲孔，裁切一体，可满足小批量生产，打样及定制化切割
- 根据客户需求，可灵活更换工作台
- 超强兼容性，兼容多种格式，无缝数据对接
- 超高精度切割，产能提高显著
- 快速更换刀片，满足多样化切割需求
- 集成精准画线功能满足多种生产需求
- 集成高速精准打孔，支持高速连续打孔，提升加工效率

应用领域

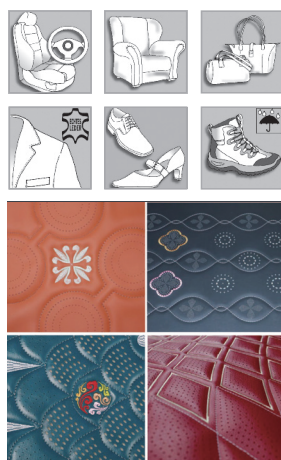
箱包、制鞋、服装、汽车内饰、非金属密件行业的各类柔性复合材料

Intelligent cutting machine (sampling dedicated)

- Specifically designed for small to medium batch orders, replaces manual cutting and die-cutting methods. Features high-definition projection, vacuum adsorption for material fixation, and vibrating knife cutting. Widely used in footwear, leather goods, and other industries, offering comprehensive functionality
- AI-powered intelligent vision positioning + top-tier European shoemaking cutting algorithms + ultra-high precision cutting
- Multi-functional integrated design: combines marking, punching, and cutting in one system, ideal for small-batch production, sample making, and customized cutting
- Worktable can be flexibly replaced according to customer requirements
- Excellent compatibility: supports multiple file formats with seamless data integration
- Ultra-high precision cutting with significantly improved production capacity
- Quick blade change system to meet diverse cutting requirements
- Integrated precision marking function to fulfill various production needs
- Built-in high-speed, accurate punching, supports continuous high-speed punching to enhance processing efficiency

Field of application

Various flexible composite materials in the luggage, footwear, apparel, automotive interior, and non-metallic sealing industries.



## 全自动异形孔旋转冲绣缝一体机

## Fully automatic multi-function machine for shaped Holes, embroidery and sewing

- 集成冲孔、绣花、缝纫于一体，花型任意设计，轻松实现冲、绣、缝任意搭配的复杂工艺
- 旋转冲孔机构可安装最多6种异形孔冲头，并且任意冲头均可实现360度旋转，冲出任意角度的冲孔花型，丰富冲孔形设计内容
- 缝纫采用独立驱动旋转机头和旋梭机构，机头和旋梭可360度线迹跟踪，避免正反线迹质量差异
- 冲孔刀选用：圆孔、正方形孔、长方形孔、菱形孔、椭圆形孔等异形孔（孔径范围0.8mm-10mm）
- 绣花、缝纫线迹一致性好，质量稳定，不良品次品率低
- 具备旋梭自动供油功能，绣花缝纫机头自动供油
- 采用大功率工业吸尘器，吸尘效果好
- 冲孔机头具备机头吸气功能，皮屑从中空杆内直接吸走，避免皮屑掉落，工作环境干净整洁
- 全铝板皮革专用夹具框，方便安装、转序、更换皮革
- 可选配毛瑟冲缝CAD系统，缝制花型任意设计，轻松实现特殊缝制工艺
- 可选配不锈钢台面经久耐磨，方便清理

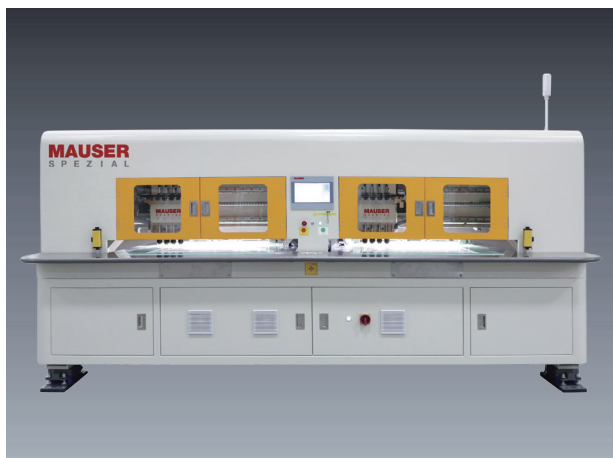
- Integrated design combining punching, embroidery, and sewing; supports custom pattern design and enables complex combinations of punching, embroidery, and sewing processes
- Rotary punching unit can hold up to 6 different shaped dies; each die rotates 360° , allowing angled punching for diverse and intricate hole patterns, enriching design possibilities
- Sewing unit features independently driven rotating head and rotary hook mechanism; both head and hook support 360° stitch tracking, eliminating quality differences between top and bottom stitch appearance
- Punching dies available in various shapes: round, square, rectangular, diamond, oval, and other custom shapes (hole diameter range: 0.8mm–10mm)
- Consistent and stable stitch quality for both embroidery and sewing, resulting in low defect and rejection rates
- Equipped with automatic oiling system for the rotary hook and sewing head to ensure smooth operation
- High-power industrial vacuum system provides excellent dust extraction
- Punching head includes built-in suction function; leather scraps are directly removed through hollow shaft, preventing debris scatter and keeping the workspace clean
- Full aluminum fixture frame designed specifically for leather, enabling easy installation, transfer, and material replacement
- Optional Mauser punching & sewing CAD system allows free design of stitching patterns and easy execution of special sewing techniques
- Optional stainless steel worktable for enhanced durability, wear resistance, and easy cleaning

### 应用领域

汽车座椅、脚垫、航空座椅、家具、运动鞋、皮鞋、皮衣、皮包等

### Field of application

Automotive seats, floor mats, aircraft seats, furniture, sports shoes, leather shoes, leather garments, handbags, and similar products.



## 全自动异型旋转垫板式冲孔机

## Fully automatic rotary shaped punching machine with die plate

- 自主研发全新Ⅲ型电脑控制系统，友好的人机界面，触控灵活，存储量大，确保整机的高精度运行
- XY采用丝杠直驱方式，冲孔精度高
- 采用中空式360度旋转冲孔刀杆，重型冲杆箱冲孔结构，冲孔力度更强
- 每个冲杆箱可配备4种规格冲刀，冲刀规格及形状可按客户要求定制，4个冲刀杆均可按预设花型做任意角度旋转
- 最高冲孔速度可达1200孔/分钟
- 可选单头、双头机型，多头同时工作，效率翻倍
- 采用工业式吸尘器，吸尘效果好
- 垫板式工装，工装成本低，操作简易
- 可选配毛瑟自主研发的智能冲缝打版软件，与毛瑟冲孔设备无缝对接
- 可选配花版扫码功能，扫码即可实现花版任意调出，提高工作效率和准确性
- 标配自动润滑系统解决人工维护不到位的烦恼，优化丝杆和导轨滑块的使用寿命

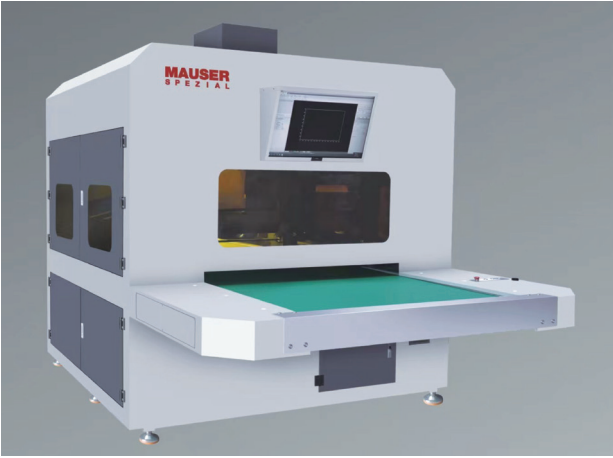
- Features a self-developed Type III computer control system with a user-friendly interface, responsive touch operation, and large storage capacity, ensuring high-precision machine performance
- XY axes use direct-drive ball screws for high punching accuracy
- Equipped with hollow 360° rotary punching shafts and a heavy-duty punch head structure for stronger punching force
- Each punch head can be fitted with 4 different punch tools; tool size and shape can be customized per customer requirements. All four punch rods can rotate to any angle as programmed for complex pattern punching
- Maximum punching speed reaches up to 1200 holes per minute
- Available in single-head or dual-head configurations; multiple heads work simultaneously for doubled efficiency
- Industrial-grade vacuum system ensures effective dust collection
- Die plate-style workholding system offers low fixture cost and simple operation.
- Optional: Mauser's self-developed intelligent punching and pattern-making software, seamlessly compatible with Mauser punching equipment
- Optional barcode/QR scanning function for pattern templates—scan to instantly recall any design, improving work efficiency and accuracy
- Standard automatic lubrication system eliminates issues from inadequate manual maintenance and extends the service life of ball screws and linear guides

## 应用领域

汽车座椅、航空座椅、鞋面、箱包、家具等各种类型及不同厚度的真皮、超纤皮革的冲孔加工

## Field of application

Punching processing of various types and thicknesses of genuine leather, synthetic leather (ultra-fiber), used in automotive seats, aircraft seats, shoe uppers, luggage, furniture, and more.



**全自动皮革视觉画线机**

- 画线多样性，可满足多种不同形状的裁片一次性画线
- 高精度，材料可随意摆放360度自动识别
- 高效率，本机器可节省3-5名画线工人
- 低成本，“零”工伤事故，让您无后顾之忧，帮助您节省管理成本
- 替代人工画线和丝网印刷，解决人工成本高、效率低、精度差、耗材贵等问题，避免特殊材料无法标记及油墨污染环境等缺陷
- 针对传统画线工艺弊端设计，效率高；采用高清工业相机与先进图像识别系统，支持360°自动旋转定位，大视野一次成像，自动识别材料轮廓并精准画线；配备自动上下料装置，工人只需随意放置鞋面，系统自动完成定位与画线

**应用领域**

各品类鞋面画线要求

**Fully automatic leather vision marking machine**

- Diverse marking capabilities: supports one-time marking for various shaped cutting pieces
- High precision: materials can be placed in any orientation; 360° automatic recognition ensures accurate positioning
- High efficiency: one machine can replace 3-5 manual marking operators
- Low operating cost: achieves “zero” workplace accidents, eliminating safety concerns and reducing management costs
- Replaces manual marking and screen printing, solving issues such as high labor costs, low efficiency, poor accuracy, and expensive consumables; avoids problems like inability to mark special materials and environmental pollution from ink
- Specifically designed to overcome the drawbacks of traditional marking methods; features high efficiency with a high-definition industrial camera and advanced image recognition system. Supports 360° automatic rotation positioning, large-field-of-view one-shot imaging, automatic material contour recognition, and precise marking. Equipped with automatic loading and unloading; operators simply place shoe uppers randomly, and the system automatically completes positioning and marking

**Field of application**

Marking requirements for all types of shoe uppers





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百福工业装备（上海）有限公司  
**PFAFF Industrial Equipment (Shanghai) Co., Ltd.**

上海市宝山区市台路263号  
No.263, Shitai Road, Baoshan District, Shanghai, China  
邮编：200444  
电话：86-21-68407700  
传真：86-21-63302939  
邮箱：info@pfaff-industrial-sh.com  
网址：www.pfaff-industrial-sh.com  
www.mauser-spezial.com.cn

# Collier Equipment

**100 Mill Creek Circle / PO Box 175**

**Lexington, Alabama 35648**

**Ph: (256) 229-6595 Fx: (256) 229-6779**

**[CollierEquipment.com](http://CollierEquipment.com)**



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