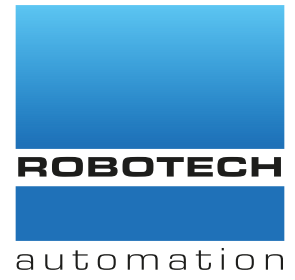


Denim Automats



D-WB 540-IX

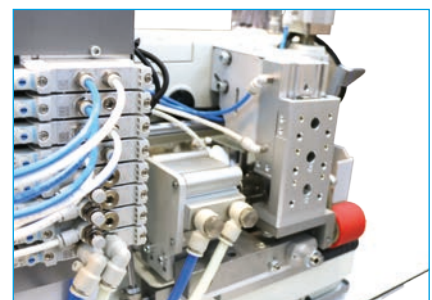
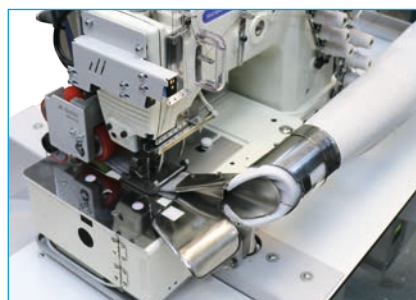
AUTOMATIC STRAIGHT/CURVED WAISTBAND MACHINE



PERFORMANCE

1700 - 2500 Waistband / 8 Hours

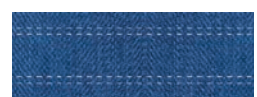
215 - 315 Waistband / 1 Hour



The machine D-WB 700-G1 is designed for sewing waistbands of medium heavy to heavy material such as jeans, working pants, Sport pants and Skirts.

TECHNICAL SPECIFICATIONS

- FBX 1104P KANSAI WAISTBAND, 1/4-1-1/4 1/4-5/4-1/4 1/4-6/4-1/4
- **Beijer** , Windows Based 256 Million Colour Supported Touch Screen Control Panel
- Easy to use, with Pictures on the Operator Panel and with 50 Different Programming
- An ability to operate on different belt measures by programming a serial or circle mood
- PLC Control Unit
- **AB 321 Efka Servo Electronic Motor**
- Programming options from Display as curved or straight Belt by exchanging the rollers, the divided puller permits the production of women's jeans (curved waistbands) and men's jeans (straight waistbands)
- A practical solution to additional place adjustment in double belt
- Adjustable waistband tool set between 25mm-50mm
- High-performance automatic work station for processing waistband material off the reel
- The entire sewing and cutting cycle can be programmed: protrusion of the waistband, skipped stitches, start and stop of the waistband.
- Automatic Foot Lift
- Air Pressure System of Puller
- Puller System after the Knife
- Puller with shock absorber System
- Automatic double thread tension system for preventing any sewing submersion
- Needle Cooler
- A height-adjustable frame in triangle form, ensuring to do work from the front
- Cutting Blade width of 75 mm
- Max-Speed 3200 rpm



OPTIONAL ACCESSORIES

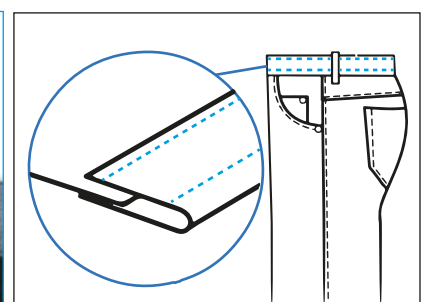
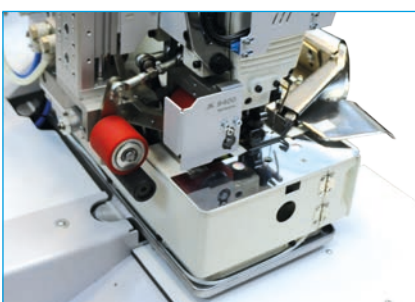
- Extra Reference Laser

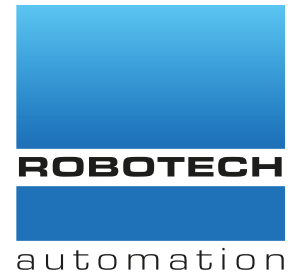
TECHNICAL DETAILS

Max. Sewing Speeds : 3.200 r.p.m
 Max. Stitch Length : 2 or 5 mm
 Cutting Length: max. 85 mm
 Connection Voltage: AC 230 V, 50/60 Hz
 Air Pressure : 6 bar

DIMENSIONS

L: 85 cm / W: 105 cm / H: 120 cm
 Packing Size : 127 cm x 89 cm x 145 cm
 Machine Net Weight : approx. 135 kg
 Machine Gross Weight : approx. 165 kg



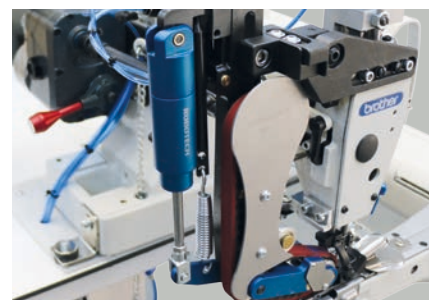
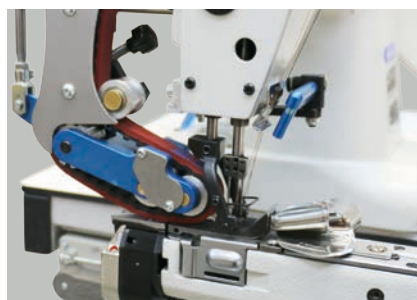


D-FA 310 FEED OF THE ARM MACHINE



PERFORMANCE

- 200 - 300 Yoke Seam / 1 hour
- 250 - 350 Back Rise / 1 hour
- 180 - 180 Inseam Sewing / 1 hour
- 100 - 130 Side Seam Sewing / 1 hour



D-FA 260-G1 is a 3 needle, chain stitch Feed of the Arm automat specially designed for lap felling and/or double-lap seaming like yoke sewing, back seat, in-seam and side-seam operations for jeans, casual trousers in general, working clothes, denim jackets, etc. The automatic unit is equipped with a special feeding system which can check and guarantee the perfect synchronisation between the puller and the feed dog at any speed. It does that while keeping the fabric alignment and the stitch length perfectly constant, with the help of a fabric thickness sensor. Moreover the machine allows trimming at start and at the last chain ; making the fabric clean thanks to its special vacuum system positioned on the arm-end. The electronic, technical and operating functions are easily adjusted through the control panel.

ADVANTAGES

- **Always High & Consistent Quality:** The bottom puller has two wheels and works in full synchronization with the sewing head which allows perfect feeding timing and smooth passage over overlapping pieces thus prevents pockering or waving specially on stretch fabrics. The special sensor detects the fabric thickness and pressure of the foot bar is automatically adjusted for avoiding skip stitch or stitch length irregularities.
- **Higher Productivity:** The unit 's speed is almost 5.000 rpm and accompanied with its smart puller system its productivity is unmatched. The unit will sew up to 5 inseams per minute.
- **Great flexibility:** Different needle gauges provide maximum flexibility. The unit is produced to sew stretch materials but it is also possible to modify it by purchasing the heavy and light fabric conversion sets.

TECHNICAL SPECIFICATIONS

- Brother DA9280 Direct Drive Sewing Head
- Vacuum chain trimmer (option)
- Pneumatic presser foot with sensor
- Efka Direct drive motor
- Pressure regulator

OPTIONS

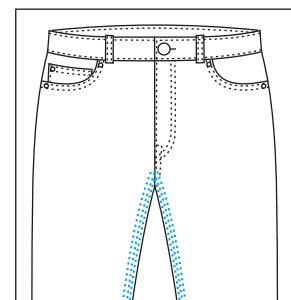
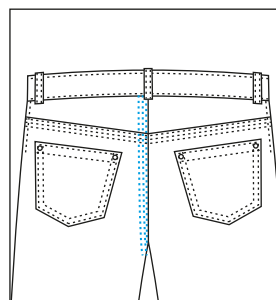
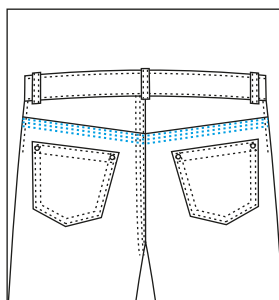
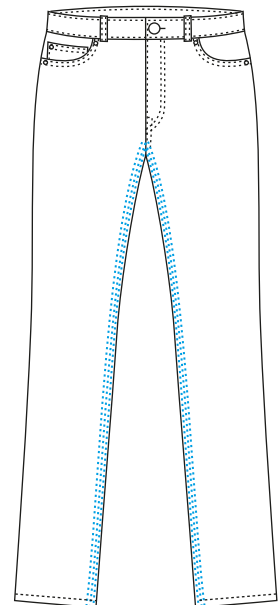
- Vacuum chain trimmer
- Optional Needle Gauges : 4.8 –7.2 – 8.0 – 9.6 mm

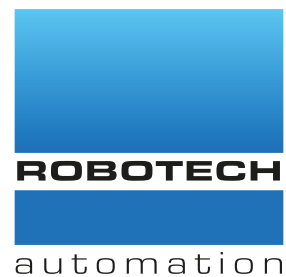
TECHNICAL DETAILS

Needle system: 3 needles
 Feeding system: Needle feed
 Sewing speed: 5.000 rpm
 Stitch length: 1,0 mm – 5 mm
 Standart Needle Gauge : 6.4 mm
 Power source: 220V 50 / 60 hz
 Air source: 6 bar

DIMENSIONS

L: 66 cm / W: 115 cm / H: 130 cm
 Packing Size : 80 cm x 130 cm x 145 cm
 Machine Net Weight : approx. 170 kg
 Machine Gross Weight : approx. 200 kg



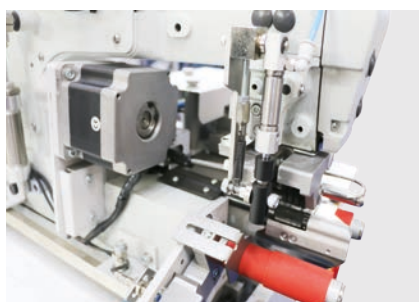


D-BH 620 - IX AUTOMATIC BOTTOM HEMMING AUTOMAT



PERFORMANCE

3500 - 4000 trouser bottoms / 8 hours
438 - 500 trouser bottoms / 1 hour



Full- Automatic Bottom Hemming Machine PC 6200 - IX For Jeans, Casual pants, Working pants, etc. Self-compensating fabric tension mechanism adjusts inconsistencies in hemming diameter. Accurate start and finish of sewing by sensor provides exact positioning of hem joint. Overlapping of hem joint start and finish seam can be programmed from control panel. Operators can focus on next piece while the machine is sewing. It can improve productivity and release working pressure. The sewing head design allows converting the machine from Metal gear to plastic gear or pallet Puller system and vice versa, in case of changing fabric quality. No need to buy a new machine. With some additional parts and a couple minutes of adjusting and you are ready to work on different fabrics.

Adjustable stitch length from control panel eliminates the need for mechanical change of gears. Adjustable stitch edge inside of the hem.

TECHNICAL SPECIFICATIONS

- Lock stitch direct drive sewing head
- **Beijer Electronics**, Windows Based 256 million colour supported touch screen
- Control panel, with images, easy to use, with 50 different programming
- Makes working on different cuff sizes in order / by cycle programming
- PLC control unit
- With 750 W motor controlled upper pulling palette-transport system
- Sensor system to detect the thickness of fabric automatically
- Through the panel programmable condensing stitch and stitch-length at stitch-start and stitch-end
- With the assistance of the sensor, ability to perform very sensitive work from the panel, detects the start-finish across the hem joint
- Possibility of folding and sewing between 135 mm – 500 mm trouser leg bottoms
- Automatic thread cutting at the end of stitch and cleaning system
- Automatic foot lifting
- Error detecting systems
- Thread monitor

OPTIONS

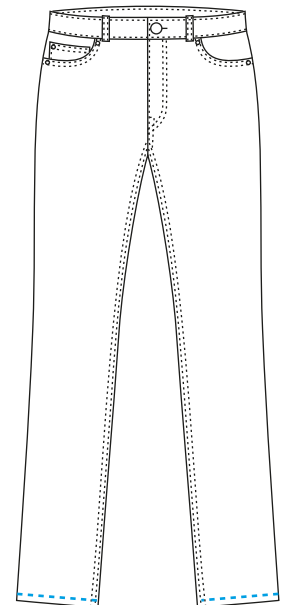
- Extra Reference Laser
- Vacuum Motor
- Pallet Puller
- Different gear

TECHNICAL DETAILS

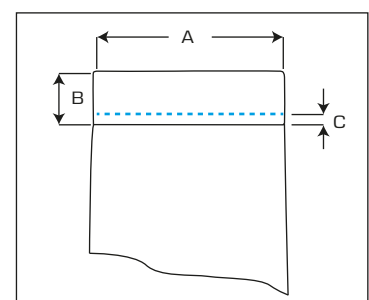
Max. Sewing Speeds : 3.500 r.p.m
 Max. Stitch Length : 1 or 10 mm
 Stitch type : 301 (Lockstitch)
 Connection Voltage: AC 230 V, 50/60 Hz
 Air Pressure : 6 bar

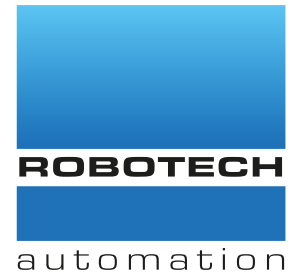
DIMENSIONS

L: 110 cm / W: 65 cm / H: 125 cm
 Packing Size : 127 cm x 89 cm x 145 cm
 Machine Net Weight : approx. 150 kg
 Machine Gross Weight : approx. 180 kg



A = min. 13,5 cm - max. 50 cm
 B = min. 1 cm - max. 4 cm
 C = min. 2 mm - max. 7 mm





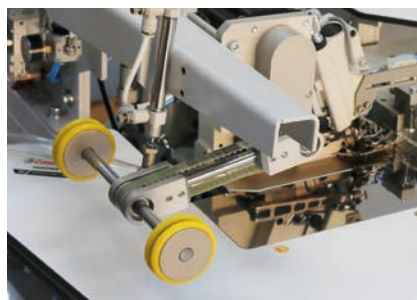
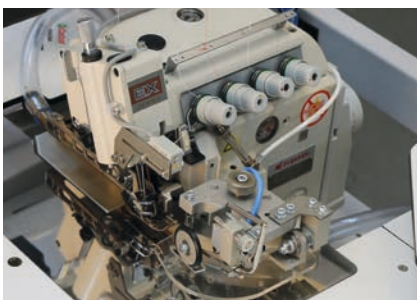
D-SS 430-IX DENIM SERGING AUTOMAT



PERFORMANCE

2000 Pieces of Front or Back Edge / 8 Hours

250 Pieces of Front or Back Edge / 1 Hour



Automatic serging of denim trousers. The sewing unit D-SS 430-G1 with Pegasus EXT 5214 offers excellent solutions for the rational serging of front and hind denim trousers parts. This automat has especially strengthened feeding and puller mechanisms as well as heavy duty stacker for denim fabric weight.

TECHNICAL SPECIFICATIONS

- Pegasus EX 5214 three thread overlock machine head
- Long version Machine, Chassis with adjustable height providing the possibility of working from the side
- Beijer , Windows Based 256 Million Colour Supported Touch screen Control Panel
- Easy to use, with Pictures on the Operator Panel and with 50 Different Programming
- Feature to operate with all sides in order/cycle programming
- PLC Control Unit
- Efka 550 W Mini Stop DC Servo Sewing Motor
- Stitching start automatic photocell feeding
- Thread cutting and suction at stitch beginning and end
- Fabric edge guide with silencer which can perfectly pass the gasket joints in the front and back panel (Zippy)
- Guiding metal sheet with pneumatic movement guiding the work flow to the stacker
- Air blowing holes over the table top provides the easy flow of fabric to the back.
- Fabric holder piston
- Fast stacker with air blow adaptable to denim work
- Short instruction times due to easy handling
- Extra working table
- Yarn waste compartment

OPTIONS

Universal Stacking

AREAS OF USAGE

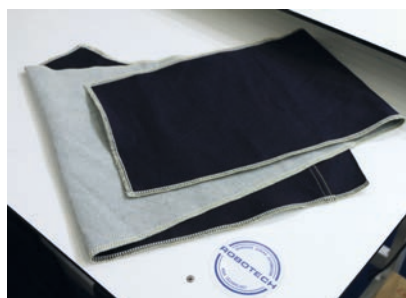
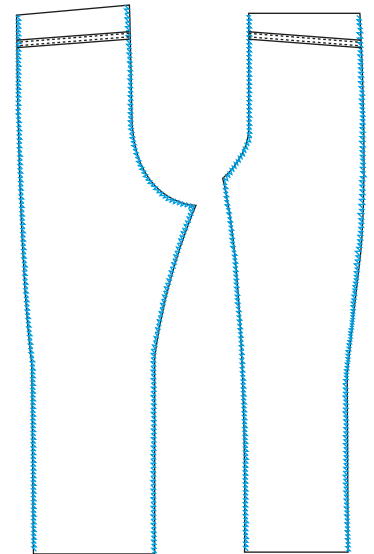
Denim Applications

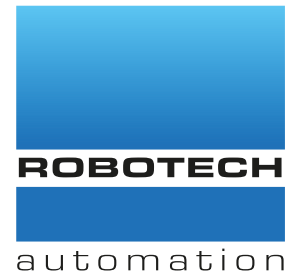
TECHNICAL DETAILS

Max. Sewing Speed : 6.000 r.p.m
Max. Stitch Length : 1 or 3,8 mm
Connection Voltage: AC 230 V, 50/60 Hz
Air Pressure : 6 bar

DIMENSIONS

L: 155 cm / W: 105 cm / 120 cm
Packing Size : 186 cm x 117 cm x 145 cm
Machine Net Weight : approx. 145 kg
Machine Gross Weight : approx. 185 kg



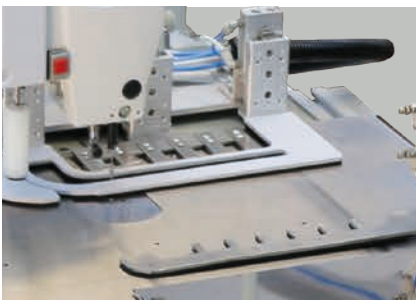


D-JS 510 J STITCH AUTOMAT



PERFORMANCE

2600 - 2800 pairs / 8 Hours
325 - 350 pairs / 1 Hour



The unit D-JS 550-G1 is an automatic programmable sewing automat for left fly J-stitch on jeans and similar garments. The single needle, lock-stitch unit can sew up to 270mm by 108mm. PLC programming allows different type of stitching, bar-tacking, label setting and even decorative stitches on back pockets. The automatic loader and the suction system allows for easy and accurate garment positioning. Another advantage of the unit is that the next garment can be placed on the machine while the unit is stitching. The stacker makes it very easy to use even for unexperienced operators, ensuring quality and high production.

TECHNICAL SPECIFICATIONS

- Brother Series Lock stitch head
- Computer-controlled, high-speed machine with Beijer Electronics
- Windows Based Color Graphic Touch Screen Control Panel
- Panel and with 50 Different Programming
- PLC Control Unit & Panasonic Servo Motor
- Sensors for detecting thread breakage
- Automatic thread trimmer

ADVANTAGES

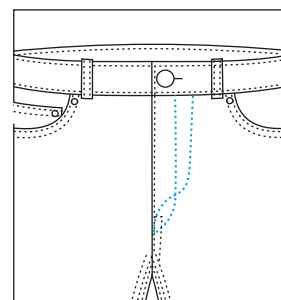
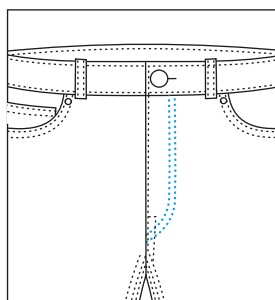
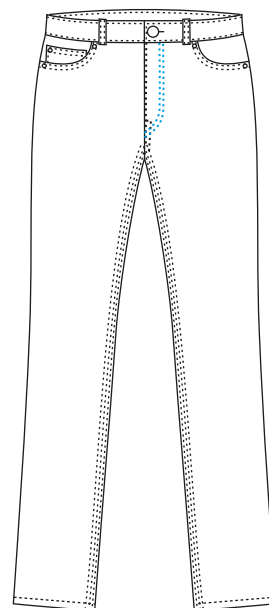
- 270 mm maximum sewing length
- Back pocket decoration stitch is also possible
- None-skilled labor operation with maximum quality
- Minium running cost with no helper
- Universal template for all patterns

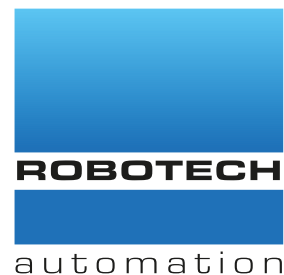
TECHNICAL DETAILS

Max. Sewing Speed: 2800 rpm
 Sewing Area: X=270 mm Y=108 mm
 Stich Length: 0,5 or 3,5 mm
 Stitch type: 301 (Lockstitch)
 Connection Voltage: A.C. 230 V, 50/60 Hz
 Air Pressure: 6 bar

DIMENSIONS

L: 160 cm / W: 150 cm / H: 150 cm
 Packing Size : 165 cm x 155 cm x 155 cm
 Machine Net Weight : approx. 320 kg
 Machine Gross Weight : approx. 350 kg





D-PH 510-IX POCKET HEMMING AUTOMAT FOR JEANS

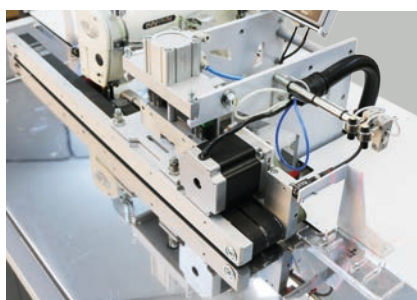
PERFORMANCE



Chain Stitch (three needles):
17.600 Pockets / 8 Hours
2200 Pockets / 1 Hour



Lock Stitch (two needles):
16.000 Pockets / 8 Hours
2000 Pockets / 1 Hour



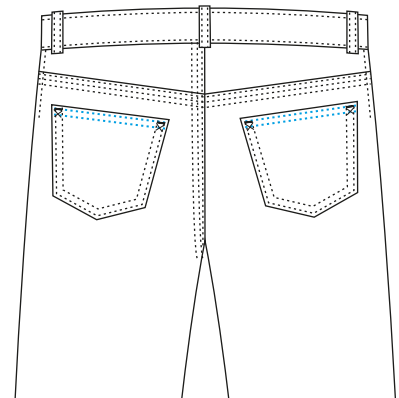
D-PH G1 is an Automatic Pocket Hemming unit for jeans and similar sportswear. The machine is equipped with a three needle **Kansai** chain stitch sewing head or alternatively a two needle **Brother** lock stitch sewing head. The machine performs the hemming on different fabric types (from heavy to stretch denim) through simple settings without a change of apparatus or parts. A single adjustable folder allows to single and double hem and change height of the hemming.

TECHNICAL SPECIFICATIONS

- Computer-controlled, high-speed machine with **Beijer Electronics**
- Windows Based Color Graphic Touch Screen Control Panel
- Panel and with 50 Different Programming
- **PLC** Control Unit & **Panasonic** Servo Motor
- Sensors for detecting thread breakage
- Automatic thread trimmer
- Thread breakage sensor
- Suction system for waste thread
- Special stacker for proper pockets stacking and collection

ADVANTAGES

- Fabric transport feeding system
- Belt transport pressure control
- None-skilled labor operation with maximum quality
- Minimum running cost with no helper
- Easy set up and maintenance



TECHNICAL DETAILS

Needle Gauge: 6.4mm

Max. Sewing Speed: **Kansai**: 4500 r.p.m. or **Brother**: 3000 sti/min

Stitch type: Chain stitch – **Kansai** or Lock stitch – **Brother**

Stitch Length: **Kansai**: 6 - 14,0 mm / **Brother**: max: 7 mm

Connection Voltage: A.C. 220 V, 50/60 Hz

Air Pressure : 6 bar

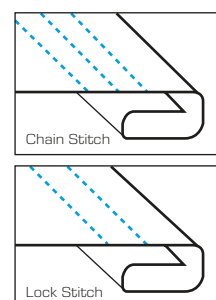
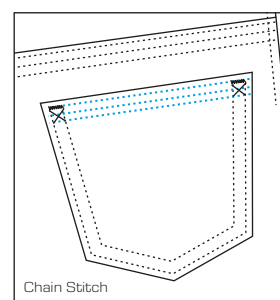
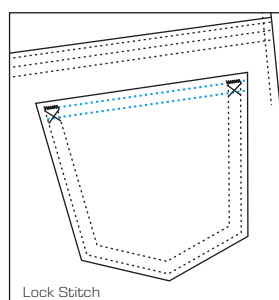
DIMENSIONS

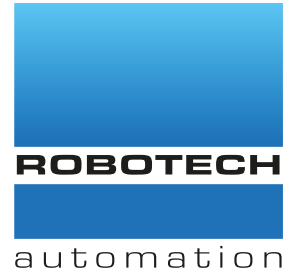
L: 130 cm / W: 110 cm / H: 150 cm

Packing Size : 120 cm x 120 cm x 160 cm

Machine Net Weight : approx. 250 kg

Machine Gross Weight : approx. 270 kg





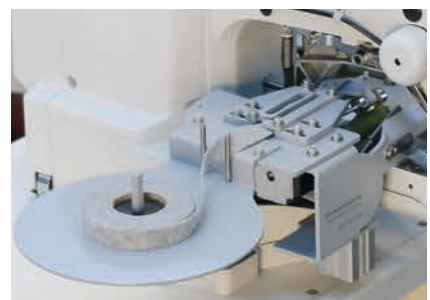
D-BF 410

BARTACK MACHINE WITH AUTO FELT FEEDING SYSTEM



PERFORMANCE

2000 Pieces / 8 Hours
250 Pieces / 1 Hour



The bartack stitches on the back-pocket corners and at the edges of the belt loops damages the fabric during washing; manufacturers began using felt pieces under the bartack stitches. However this operation led to extra man power and time causing extra cost as well as inconsistencies. DP 32-G1 is has an electronically controlled automatic felt feeding and cutting system attached to a Brother type head to solve all these in one. Brother type bar tack head is an oil-free, clean and durable machine thanks to the black diamond bar thread pick-up lever and the micro-oil lubrication system direct to the rotary hook. Fabrics are prevented from oil stains.

TECHNICAL SPECIFICATIONS

- Brother Electronic direct drive lockstitch bar tacker
- Automatic felt cutting and feeding system
- Felt width - length adjustment feature
- High speed feeding system
- Felt feeding and feeding cycle system

TECHNICAL DETAILS

Max. Sewing Speed : 3200 r.p.m
 Max. Stitch Length : 0.05 - 12.7 mm
 Connection Voltage: AC servo motor 550 W
 Air Pressure : 6 bar

DIMENSIONS

L: 110 cm / W: 60 cm / H: 71 cm
 Packing Size : 130 cm x 77 cm x 115 cm
 Machine Net Weight : approx. 151 kg
 Machine Gross Weight : approx. 171 kg

