SEWING | SERVICE | ROBOTICS

TeB-CL-003, TeB-MT-003

JUKI MS-1261 (3-needle)

Feed-off-the-arm, Double Chainstitch Machine for heavy-weight materials



The MS-1261 has been developed in through pursuit of the “stitching” of double chainstitches to achieve a low-tension sewing capability. The machine promises the production of beautiful and even stitches free from puckering, stitch skipping and uneven material feed.

The MS-1261 Series by Busche

Description

Feed-off-the-arm, 3-needle Double Chainstitch Machine for heavy-weight materials for higher efficiency in operation and higher quality of finished goods.



Use/Purpose

Versatile for various kinds of heavy fabrics such as jeans or technical textiles.

Advantages

- **The looper tucks the thread without fail, thereby preventing stitch skipping.**
  The placement of the feed mechanism has been charged to decrease the feed amount when the needle enters the material, thus preventing the needle from bending. The bobbin thread is clamped without fail, thereby producing consistent thread loops. The looper tucks the needle thread without fail, thereby finishing uniform seams.

- **The machine provides beautifully-finished seams even when heavy-weight material is used.**
  Thanks to the thread guide located between the needle bar thread take-up and the intermediate tension release lever, the timing to tense the needle thread can be changed and the bobbin thread tension can be decreased. As a result, the machine is capable of beautiful finished stitches with a soft appearance even when heavy-weight material is used.

- **The feed mechanism smoothly feeds the material, thereby allowing the machine to finish seams with consistency.**
  The number of teeth of the feed dog has been increased so that it can easily catch overlapping material. The shape of the presser foot has been modified to prevent single-sided contact with the overlapped part. The movable needle guard (rear) is provided with a vertical adjusting mechanism. These features contribute to smoother feed of heavy-weight materials, thereby preventing stitch skipping.

- **The machine prevents uneven material feed.**
  Differences in height between the feed dog and the sole of the presser foot can be appropriately specified and adjusted in accordance with the material thickness. Folders allow the material to be smoothly fed and the cloth puller (optional) has improved fulcrum so that it can run on the material and prevent uneven material feed.

Model Description

MS1261□□/□□□□□□□



1 Application
- – = For extra heavy-weight materials (standard)
- M = For medium-weight materials

2 Needle gauge
- E = 5.6mm (7/32")
- F = 6.4mm (1/4")
- G = 7.1mm (9/32")
- H = 7.9mm (5/16")
- K = 9.5mm (3/8")

3 Cloth puller
- – = Not provided
- V045R = V045 Rubber
- V045S = V045 Steel
- V046R = V045 Rubber
- V046S = V045 Steel

4 Optional device
- – = Not provided
- F = Chain-off thread cutter AT27*1, without cloth puller, pedal switch type
- G = Chain-off thread cutter AT27*1, without cloth puller, knee switch type
- A = Chain-off thread cutter AT27*1, for V045, pedal switch type
- H = Chain-off thread cutter AT27*1, for V045, knee switch type
- B = Chain-off thread cutter AT27*1, for V046, pedal switch type
- J = Chain-off thread cutter AT27*1, for V046, knee switch type
- C = Needle cooler (CL-3)
- D = Needle cooler with folder air blow type
- E = Silicon oil lubrication
- P = Pneumatic auto-lifter AK*1, pedal switch type
- K = Pneumatic auto-lifter AK*1, knee switch type
- 01 = A+C+E+K
- 02 = A+D+E+K
- 03 = A+C+P
- 04*2 = H+C+E+P
- 05*2 = J+C+P

*1 The knee switch for the chain-off thread cutter AT27 and that for the pneumatic auto-lifter AK81 cannot be installed simultaneously.

*2 Codes "04" and "05" represent the combination for the MS-1261. When you need to use your machine in combination with other options, please contact your distributor.

Subject to technical modification, EN 11-2026

MS-1261

No. of needles: 3

Needle gauge: 5.6mm (7/32"), 6.4mm (1/4"), 7.2mm (9/32"), 8.0mm (5/16"), 9.6mm (3/8")

Max sewing speed: 3,600st/min. (normal 3,000st/min)

Stitch length: 1.4 – 4.2mm

Needle bar stroke: 33.2mm

Circumference of tube at the needle entry: 190mm