

Yamato
Industrial Sewing Machines



MG series

2, 4 Needle Double Chain Stitch Machine with Needle Feeding for Attaching Waist Band on Jeans



MG series, new needle feeding double chain stitch machines are out now for good quality finish in waist band attaching operation of jeans!!



Micro adjustment for needle feeding amount is available!!

Full Automatic Lubrication



Circumference of cylinder □470mm

Compensation Type Puller, correspond different thickness of material.

Retractable Loper Mechanism for Easy Threading!



Features

- 2, 4 needle double chain stitch machine with needle feeding for attaching waist band on jeans, working pants etc.
- Sure feeding performance of lower feed and needle feed prevents twist of waist band and ensures good quality finish.
- Lower feed and needle feed are linked and changeable synchronously by pushbutton. Besides, micro-adjustment of needle feeding amount is available for further fine adjustment according to kinds of fabric.
- Fitted with compensation type puller enables to correspond different thickness of material.
- Retractable looper mechanism □
Loopers come down toward operator for easy threading.
- Full automatic lubrication system contributes to save lubricating time.
- Circumference of cylinder □ 470 mm (without puller □ 395 mm)



Numbering On Model

MG 2002 P-349-X 01/FL10

I I I I I I I I
1 2 3 4 5 6 7 8

1 Symbol of Series

2 Class No.

3 Number of Needle

4 Rear Puller □

No Indication = without puller

P = with puller □ upper tooth plastic rollers (Standard)

PS = with puller □ upper tooth steel rollers (Option)

Note □ Lower roller is flat rubber rollers on both P & PS □

5 Total Needle Distance □

349 = 34.9 mm 381 = 38.1 mm 318 = 31.8 mm

6 Stitch Type □ X = Double Chain Stitch

7 Step on Needle Distance (Only Reference No.)

8 Devices

Note: Folder & swing-out folder bracket are not included in machine head !

Specifications

Name	High Speed Needle Feed Double Chain Stitch Machine with Loopers in Line of Feed
Applications	For attaching waist band on jeans
Sewing Speed	without Puller □ up to 5,000 spm Note □ from 2.1 mm to 4.5 mm stitch length □ up to 5,000 spm from 4.5 mm to 6.4 mm stitch length □ up to 4,000 spm with Puller □ up to 4,000 spm
Circumference Of Cylinder Bed	without Puller □ 395 mm with Puller □ 470 mm
Stitch Length	2.1 mm to 6.4 mm □ 4 to 12 stitches per inch, 5 to 14 stitches per 3 cm □
Needle System	DV 57 size 110 (18) to 200 (25) □ standard size 130 (21) □
Needle Distance	4.8 mm (min.) to 50.8 mm (max.)
No. of Needle & Thread	2 Needle 4 Thread 4 Needle 8 Thread
Foot Lift	9 mm
Needle Stroke	32 mm
Feed Adjustment	Lower feed and needle are linked and feeding amount can be changed synchronously by Pushbutton System □ Needle feed amount can be micro-adjusted regarding with lower feeding amount from 95% to 120% independently.
Puller Mechanism	P = with puller □ upper tooth <u>plastic rollers</u> (Standard) PS = with puller □ upper tooth <u>steel rollers</u> (Option) Note □ Lower roller is flat rubber rollers on both P & PS □ Compensating puller system enables corresponding to different thickness on material.
Looper Mechanism	Loopers Motion in Line of Feed. Retractable Looper Mechanism □ Loopers come down for easy threading
Lubrication	Automatic Lubrication System by Trochoid Pump
Type of Oil	YAMATO SF Oil □ Teresso 46 can be used □
Installation	Non-submerged (standard) or Semi-submerged
Dimensions	Length □ 496 mm Width □ 220 mm Height □ 440 mm
Net Weight	46 kg