

# Yamato®

# AZ8451 class

Cylinder Bed Overlock Machine for Attaching Elastic Tape

**All-in-one Package for High Quality Finish  
in Elastic Attaching Operation**



ISO9001:2008  
JQA-QM6412

# Yamato®

# AZ8451 class

Cylinder Bed Overlock Machine for Attaching Elastic Tape

## Numbering of Model AZ8471-Y5DF-10/K2/MA



- ① Symbol of series
- ② Class No. - 84 : Cylinder bed Overlock
- ③ Sub model - 51: Single needle machine for attaching elastic tape  
71: 2 needle machine for attaching elastic tape
- ④ Needle distance - O : Single Needle, Y : 2.4 mm
- ⑤ Overedge seam width - 3 : 3 mm, 4 : 4 mm, 5 : 5 mm
- ⑥ Feeding mode - D : Differential feed
- ⑦ Type of upper knife - F : Flat knife
- ⑧ Applicable tape width - see below table
- ⑨ Device - K2 : Automatic thread chain cutter (vertical type)
- ⑩ Controller - MA : Multi programmable controller, including tape dispenser driver

## Submodels / Specifications

Model	Stitch Type	Needle Distance (mm)	Overedge Seam Width (mm)	Feeding Mode	Type of Upper Knife	Applicable Tape Width (mm)	Device	Controller
AZ8451- <sup>O4</sup> / <sub>O5</sub> DF/K2/MA	504 1 needle 3 thread	1 - 3.5	1:0.8 - 1.2	6	F	6 ~ 12 mm	K2	MA
AZ8471-Y5DF/K2/MA	514 2 needle 4 thread							
AZ8451- <sup>O4</sup> / <sub>O5</sub> DF-10/K2/MA	504 1 needle 3 thread	23 ~ 40 mm	1:0.8 - 1.2	6	F	6 ~ 12 mm	K2	MA
AZ8471-Y5DF-10/K2/MA	514 2 needle 4 thread							

### Optional Parts:

Presser Foot for Tape Width 12 ~ 23 mm  
#2117066 (O4)  
#2117064 (O5)  
#2117072 (Y5)

Rubber Plated Feed Dogs for Sensitive Materials  
#2119019 (Diff. Feed Dog)  
#2119017 (Main Feed Dog)

### Recommendable Related Machines:

For top stitching of elastic attached with AZ8451/K2/MA...

#### VG2740P/UT-A34

Multi Module Cylinderbed Interlock Stitch Machine with Rear Puller and Automatic Under Thread Trimmer

#### VG2792P/UT-A34/SC25

Unique Cylinderbed Interlock Stitch Machine with Rear Puller, Automatic Under Thread Trimmer and Self Cleaning System



Please refer to catalogue of VG series for further information.

**!** Specification and appearance on this catalogue are subject to change without notice. For correct handling of products described on this catalogue, please read instructions carefully before operation.

**YAMATO SEWING MACHINE MFG. CO., LTD.**  
http://www.yamato-sewing.com

YAMATO U.S.A. INC.

YAMATO EUROPE GmbH

YAMATO (HONG KONG) CO., LTD.

雅马达(香港)有限公司 东莞代表处

大和缝纫机(宁波)有限公司

大和缝纫机制造株式会社 青岛事务所

大和缝纫机制造株式会社 上海事务所

YAMATO SINGAPORE PTE LTD.

M/S. YAMATO SINGAPORE PTE LTD., INDIA LIAISON OFFICE (TIRUPUR BRANCH)

M/S. YAMATO SINGAPORE PTE LTD., INDIA LIAISON OFFICE (DELHI BRANCH)

YAMATO SINGAPORE PTE LTD., CUSTOMER SERVICE CORRESPONDENT IN JAKARTA, INDONESIA

YAMATO SINGAPORE PTE LTD., BANGLADESH LIAISON OFFICE

YAMATO MEXICO OFFICE

THE RESIDENT REPRESENTATIVE OFFICE OF YAMATO SEWING MACHINE MFG. CO., LTD IN HO CHI MINH CITY

### HEAD OFFICE

4-12, 4-CHOME, NISHI-TENMA, KITA-KU, OSAKA, 530-0047, JAPAN

TEL:+81-6-6364-5621 / FAX:+81-6-6364-7185 / E-mail:export-dept@yamato-sewing.com

TEL:+1-803-548-0334/FAX:+1-803-548-0405

TEL:+49-40-355347-0/FAX:+49-40-354371/E-mail:sales@yamato.de

TEL:+852-2721-0251/FAX:+852-2723-0444/E-mail:yamato@yamato-sewing.com.hk

TEL:+86-769-86231363/FAX:+86-769-86231362

TEL:+86-574-86800518,86800559/FAX:+86-574-86800555/E-mail:marketing@yamato-china.com

TEL:+86-532-85783175/FAX:+86-532-85783172

TEL:+86-21-64400017,64400019/FAX:+86-21-64400021

TEL:+65-6287-1955/FAX:+65-6287-1028/E-mail:sales@yamato-sewing.com.sg

TEL:+91-421-4333701/FAX:+91-421-4333702/E-mail:yamato-sewing@airtelbroadband.in

TEL:+91-11-41603280/FAX:+91-11-40574681

FAX:+62-21-781-8727

TEL:+88-02-899-1864/FAX:+88-02-899-1865

FAX:+52-55-5764-5090

FAX:+84-8-62960057/FAX:+84-8-38113384

### Yamato's Efficiency / Quality Conscious Package in Elastic Attaching Operation Enhances Finishing Quality of Your Garments, while Minimizing Downtime and Material Loss



#### High Quality Finish while Minimizing Material Loss.

Combination of cylinder bed and "cut & re-entry" system enables:

- Easier handling of fabric
- Precise tension given to elastic for **uniform finish**
- **Minimum tape loss** (\*1)

#### No More Need to Buy Additional Tape Feeder. Besides...

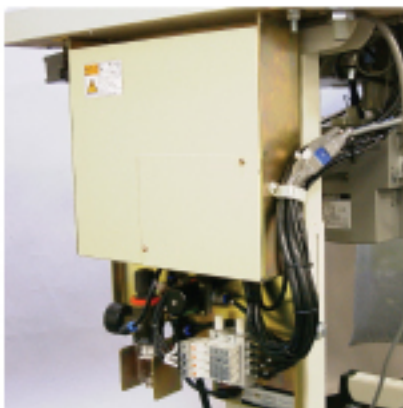
Stepping motor driven scynchronized tape dispenser, included as standard, feeds the tape according to machine loatation. So that, **further accurate and uniform finishing size** can be obtained as the **tape is always relaxed** when provided into metering device. Besides, in case the tape is not fed properly (i.e. tangled), the device inform the operator with beep to avoid defects.



Photo: Model AZ8451-O4DF/K2/MA + TL2 (option)

#### Easy & Correct Installation

No need to have headaches with tubing and wiring at the time of installation, as electronic / air components are pre-assembled.



#### Multi Programmable & Multi Functional Controller

**26 x 20 different elastic tensions** can be set and stored in this downsized (\*2) control panel. If you like it simple, you can even switch it into "2 function mode", with which you only switch 2 different tensions manually. Fine adjustment of tape dispenser can also be controlled.



- Remarks -

(\*1) In case of attaching elastic tape on circular fabric, there is basically no tape loss.

(\*2) Thickness of the control panel is approx. 60% of the one for conventional model.

