

**PF TECH FIGHTER**

# *New* **AML** *SERIES*

## **Almighty high-speed elastic ring robot**

**AML-550** (JUKI) LK-1920 Equipped with digital specification machine

※**AML-550AIC**  
(LED AI sensor method)

※**AML-550CMC**  
(Optical sensor method)

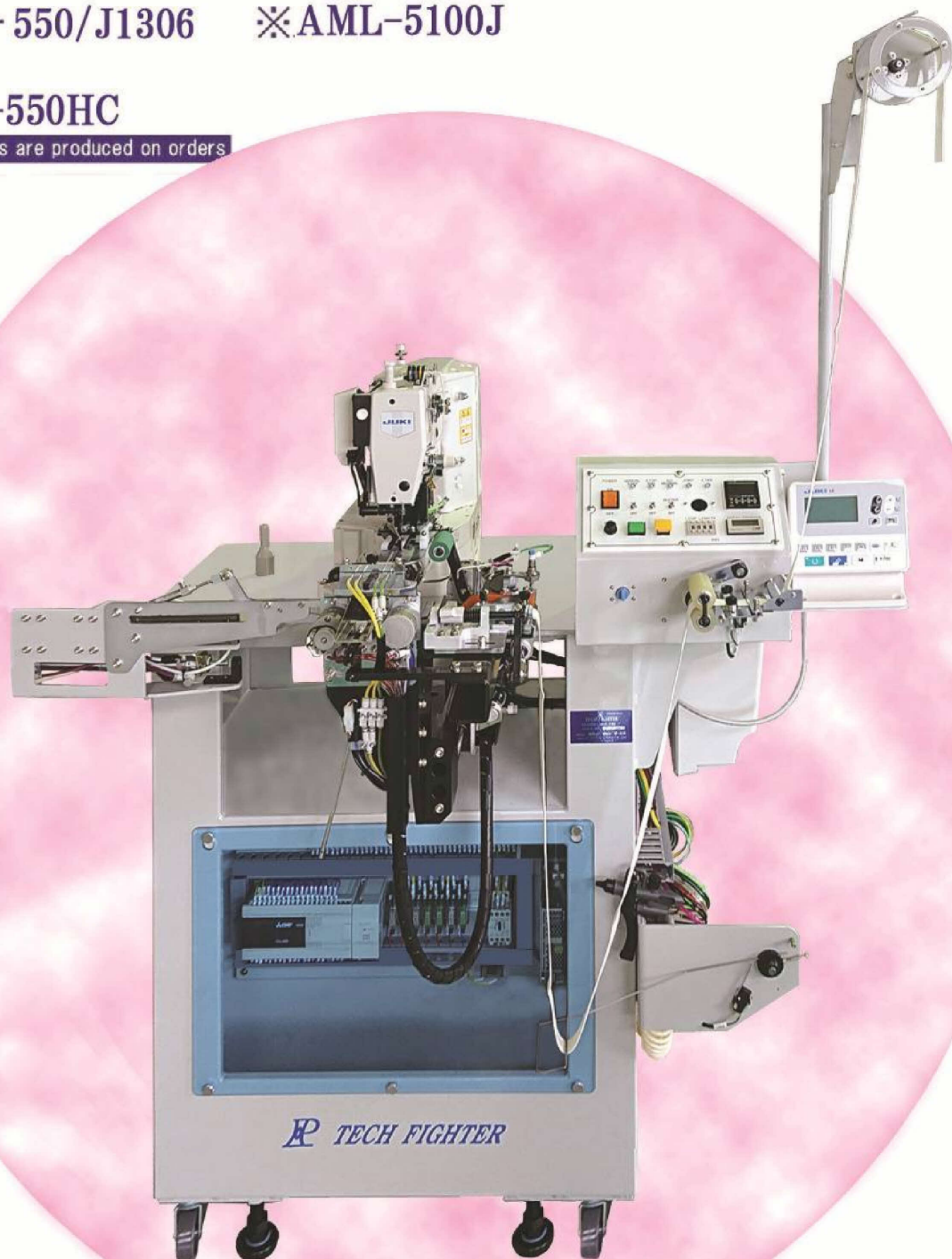
※**AML-550SR**

※**AML-550/J1306**

※**AML-5100J**

※**AML-550HC**

※The followings are produced on orders



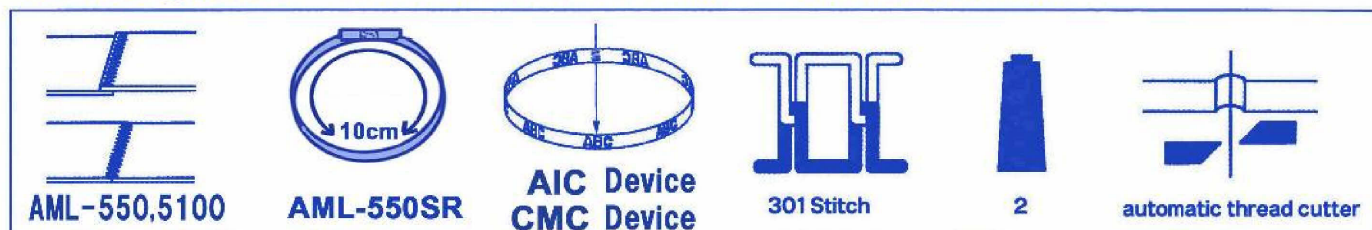


# TECH FIGHTER

## AML-550

**Universal standard** for forming elastic rings, using materials such as elastic cords, woven materials, lace materials, and strings. 720 /hour (max), 36 stitches.

- ※ **AML-550SR** **A special machine to make especially small circumference.**  
For baby wear or other small products. The smallest circumference is 100mm.  
(With woven elastic 15mm overlapped. Up to 10mm width of materials.) 720 /hour (max)  
When the circumference is bigger than 200mm, the maximum elastic width is 30mm.
- ※ **AML-550HC** **Equipped with a heat cut device for the string.** 500 ~ 800 /hour (max)  
Heat cut the string and so on that a cut end gets loose easily, and it is sewn in the circle shaped.
- ※ **AML-J1306** **Sewing machine for wide rubbers up to 57 mm.** (Machine weight only for AML-5100J)
- ※ **AML-5100 J** **Sewing machine for wide rubbers up to 100 mm.** 300 kg (net weight)



### Common standard features

- Automatically stops when either needle or bobbin thread is broken
- Automatically stops with no work supplied
- total counter
- unit number set counter
- thread wiper
- Intermediate presser foot
- double size bobbin
- RC untwisting device

### Common specifications

- **Needle** : DP×17
- **electricity** : standard AC single phase 100V  
110V to 240V2P available at the order
- **electricity capacity** : 0.75kw
- **device control** : sequencer control
- **air capacity** : 0.5MPa (72PSI) 50L/min
- **dimensions** : 97 (L) x 120 (W) x 176 (H) cm
- **weight (AML-550)** : 230kg (net weight)

specifications	Type	AML-550	AML-550SR	AML-550HC	AML-J1306	AML-5100J
machine head		New (JUKI) LK-1920SS5000Z			(JUKI) AMS-210EN1306	(JUKI) AMS-210EN1510
sewing machine revolution		2,500 r.p.m (MAX)			2800 r.p.m (MAX)	
possible rubber width		2.5 ~ 57mm	2.5 ~ 30mm	2.5 ~ 40mm	2.5~57mm	10 ~ 100mm
smallest possible circumference		14cm ~	10cm ~	14cm ~		20cm ~
maximum overlapping width		25 mm		40 mm	25 mm	20 mm
measurement reeling out system		pulse motor system				
pattern memory		P-ROM storing or USB memory			Smart Media	
maximum numbers of patterns		63 patterns (up to 32 kbyte)			999	
programming device		without			with	
materials cutting method		knife method		heat cut	knife method	

### Option

- **RPL device** roller heater press (takes away folded wrinkles to reduce sewing errors.)
- **CO device** by marking the rubber joints or defective points, the device automatically works removing the marked points.)
- **S-7 device** five position rotary stacker (automatically stacks preset units.)
- **CMC device** It is possible to cut the front and the back with circumference of the elastic ring, the logo can be placed in the optional position.
- **AIC device** (Area Image Sensor Method)
- **Measures for CE** equipments for EU region (such as safety cover, emergency stop box)
- **The attachment for The rolled elastic**
- **Adjunctive parts for rolled elastics** Maximum diameter is 300mm (For single roll)  
Maximum width is 200mm. (For bobbin roll)

### Produced and distributed

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### Agencies

※ Specifications and appearances are subject to change for improvement without prior notice.