

## 【New products】 Deskilling FRA series release

~Equipped with variable top feed, cylinder bed, overlock machine EXT5114-03~

PEGASUS CO., LTD. (Headquarters: Fukushima-ku, Osaka, Japan, President: Shigemi Mima) will release FRA series (Variable top feed, cylinder bed, overlock stitch, deskilling machine for attaching collar rib) on April ,2026.

The new FRA series is a semi-automatic unit for attaching collar and hem ribs of T-shirts and sweatshirts. For enabling beautiful stitch with simple operation, you just need to set the fabric. Only one set of unit can also handle flat elastic waistbands for briefs and trunks, automatically detecting the ribbing position at the start of sewing and allowing setting at any desired location. Also, it features user-friendly design meticulously crafted for operability, safety, and maintainability.

The new FRA series is outlined as follows.

### ■Product Overviews

FRA series is a semi-automatic unit for attaching collar and hem ribs of T-shirts and sweatshirts.



#### <Machine>

#### EXT5114-03 variable top feed, cylinder bed, overlock machine

No.of needles: 2	Differential feed ratio: 0.8~1.8
No.of threads: 4	Presser foot lift: Max 5.5 mm
Overedge width: 3~5 mm	Max speed: 6,700sti/min

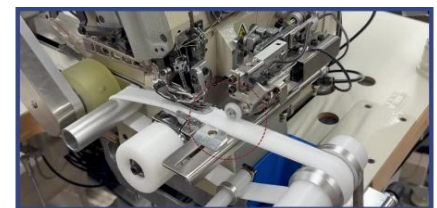


FRA series

### ■Features

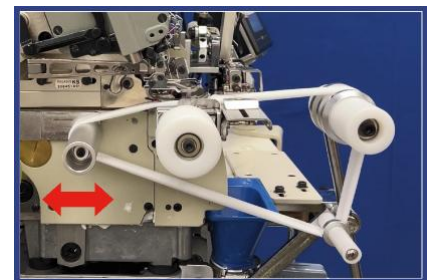
#### 1. Automatic Positioning of rib elastic

- Equipped with a sensor for detecting rib joints, simply setting the rib can complete automatic positioning at the same location.
- The rib stop position can be changed as desired.



#### 2. Achieving stable seams without misalignment by uniform tension on the fabric and rib elastic

- The tension of the rollers can be adjusted according to the neckline cutting design (front and back panels).
- The tension of rib size can be switched to 2 levels by needle control during sewing and ensured consistent quality.
- It can store up to 7 sizes (e.g., XS to 3XL).



※The settings such as size changes can be adjusted via touch panel operation.

