

February 8, 2018

## **【NEW PRODUCT】 Releasing the GXT series on the Market**

**Dry-head type, variable top feed, safety stitch machines / overedgers**

PEGASUS SEWING MACHINE MFG. CO., LTD. (Headquarters: Fukushima-ku, Osaka, Japan, President: Shigemi Mima) will begin the simultaneous release of **the GXT series which includes dry-head type, variable top feed, safety stitch machines / overedgers** from February 22, 2018.

The GXT series is a new product, a dry head industrial sewing machine that employs state-of-the-art grease lubrication technology. This is the first time in the industry that a dry head system has been employed for the “top feed mechanism.” The GXT series has a full line of subclasses that can sew a variety of fabrics, from heavy weight knit and/or denim fabrics to light weight woven fabrics. This high specification model features “ease of operation” and produces “beautiful seams.” It is available in two types; the GXT3200 series, a “dry head type, variable top feed, safety stitch machine,” and the GXT5200 series, a “dry head type, variable top feed, overedger.”

The outline of the new GXT series is as follows.

### ■ Product outline

GXT3200 series: Dry-head type, variable top feed, safety stitch machines

GXT5200 series: Dry-head type, variable top feed, overedgers

< Common specifications between the two series >

Stitch length adjustment: Push button

Differential feed ratio adjustment: Lever with micro adjustment

Maximum machine speed: 6,000 sti/min\*

\* Depends on subclasses and sewing conditions.

Lubrication: Grease and automatic



GXT5200 series

## ■ Main features

### \* State-of-the-art grease lubrication technology

- State-of-the-art grease lubrication technology has been employed for the “needle bar mechanism”, “upper looper mechanism” and “top feed mechanism”. A dry-head type machine protects your important sewn products against oil stains. The dry head system has been employed for the “top feed mechanism” for the first time in the industry.
- A dry-head type machine reaches a maximum machine speed of 6,000 sti/min\*. The machine that contributes to increases in production.

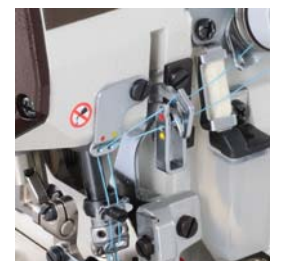
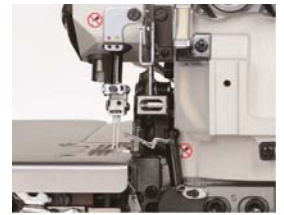
\*Depends on subclasses and sewing conditions

### \* High quality products achieved

- The top and bottom feed dogs feed the fabric accurately, producing high-quality products with no plyshift and/or twist. We achieved a top feed pressure lower than on the conventional machines, by reviewing the top feed mechanism. Jumping problems do not occur with this lower top feed pressure.

\*Soft Touch Specs (GXT-S series only)

- Thanks to the newly-shaped needle thread take-up (included as standard on subclasses –M03), properly-tightened and excellently finished seams are achieved, with low needle thread tension. On safety stitch machines, a combination of the double chainstitch thread take-up and the needle plate produces soft stitches, called balloon stitches.
- The GXT series sews various fabrics and sewn products, such as knit fabrics, woven fabrics, etc., by changing the position of the presser arm shaft. In addition, this series includes many subclasses, responding to a wide range of applications (some parts should be replaced).
- The presser foot can be floated slightly above the fabric during sewing, in accordance with the features of the fabric. This feature prevents seam jamming, fabric twisting and fabric damage caused by the feed dog, producing high quality products.



## \* User-friendly series

- The front-to-back movement position (rear-fixed type or divided-in-half type) can be adjusted easily for the top feed dog, in accordance with each operation.
- The up-and-down stroke of the top feed dog can be selected as desired. Large and strong strokes are used for sewing heavy weight fabrics and/or cross seam sections, and small strokes with soft touch are employed for sewing light weight fabrics.

Please refer to our product catalog for more information.

## ■ Release date

February 22, 2018 (ahead of time in Japan)

\* Please note that the features and/or specifications described above are subject to change without notice due to improvements.

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