



GXT Series

GXT3200 : DRY-HEAD type,
variable top feed, safety stitch machine

GXT5200 : DRY-HEAD type,
variable top feed, overedger



Top Feed Machine and Dry Head Technology

Equipped with state-of-the-art technology
that increases production and safety



GXT3200 series common specifications

DRY-HEAD type, variable top feed, safety stitch machine

Stitch length adjustment	: Push-button
Differential feed ratio adjustment	: Lever with micro-adjustment
Maximum speed	: 6,000 sti/min*
Lubrication	: Grease and automatic

GXT5200 series common specifications

DRY-HEAD type, variable top feed, overedger

Stitch length adjustment	: Push-button
Differential feed ratio adjustment	: Lever with micro-adjustment
Maximum speed	: 6,000 sti/min*
Lubrication	: Grease and automatic

※Depends on subclasses and sewing conditions

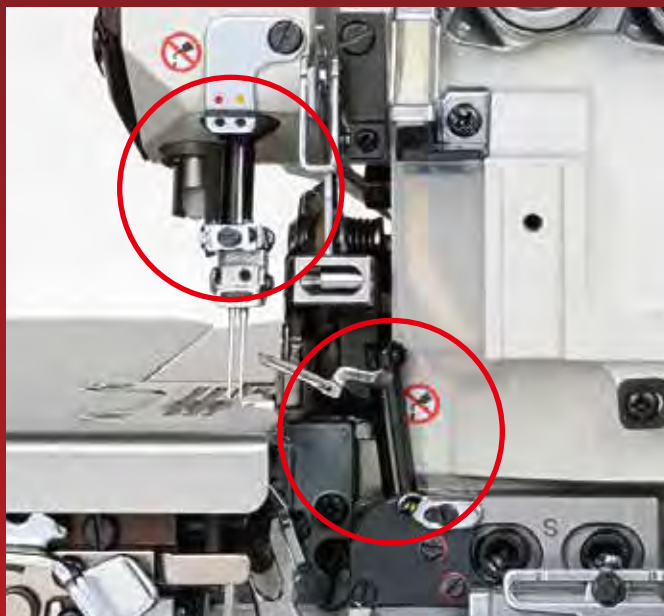
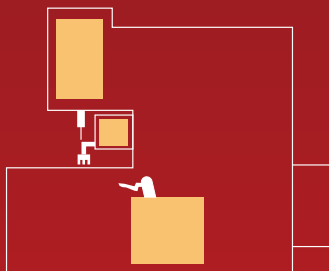


Check Point

Grease lubrication

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. Refilling grease is also easy.



This feature reduces oil stains on sewn products, decreasing the use of stain remover.

The GXT series is a reliable sewing machine that creates a clean work environment and contributes to global environmental protection.

Max speed 6,000 sti/min

A dry-head type machine reaches a maximum machine speed of 6,000 sti/min*.

The machine that contributes to increases in production.



Top feed mechanism

*Depends on subclasses and sewing conditions

Close up

High quality products achieved by accurate top and bottom feeding

High quality

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)

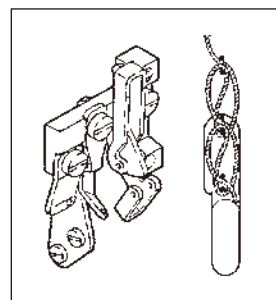


Achieves your own distinctive textures on the fabric

High quality

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.



Balloon stitches

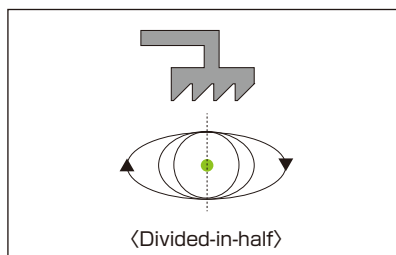
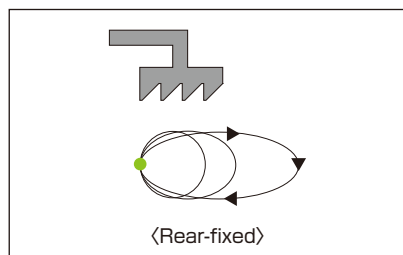
Easy-to-adjust top feeding

High quality

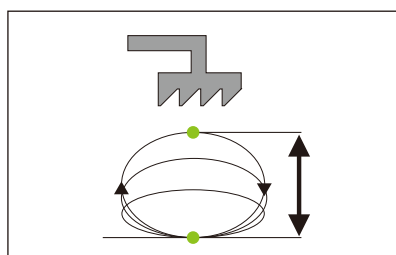
Ease of operation

Maintenance

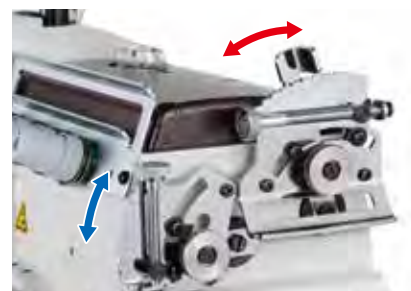
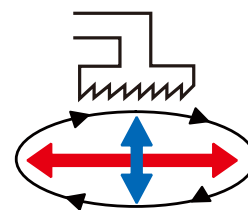
- The front-to-back movement position (rear-fixed type or divided-in-half type) can be adjusted easily for the top feed dog, in accordance with each operation.



- 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.



- Both the back and forth and the up and down movement amounts of the top feed dog can be adjusted easily using an external lever.



Available for various fabrics

High quality

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).

〈Presser arm shaft at its upper position〉

Suitable for sewing knit fabrics, denim, etc., preventing plyshift.

〈Presser arm shaft at its lower position〉

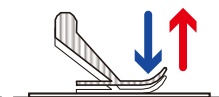
Suitable for sewing woven fabrics, etc., preventing puckering.



〈Upper position〉



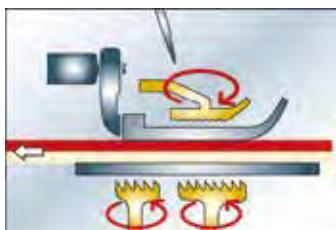
〈Lower position〉



Increasing the feeding efficiency

High quality

Thanks to the independently driven top feed mechanism, feeding efficiency has been increased dramatically. This feature responds to a wide variety of fabrics, including light to heavy weight fabrics.



Fine adjustments for the presser foot lift

High quality

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.



Remarkable visibility

Ease of operation

Outstanding design provides sufficient space around the operator's hands, so the operator can see the area close to the needle drop hole effortlessly. Ease of operation is increased.



Easy-to-replicate the presser foot pressure and the top feeding pressure

Maintenance

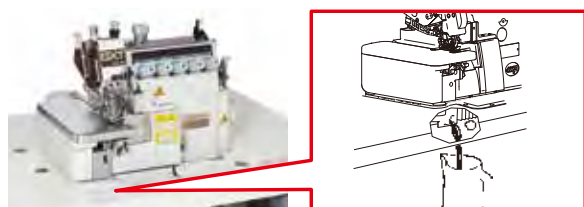
The presser foot pressure and the top feeding pressure can be replicated easily while checking scale marks on the adjustment screws, in accordance with the fabric.



Replacing old oil is easy

Maintenance

A drain hole has been added to the front of the oil reservoir, so there is no need to remove the machine from the machine table when old oil is replaced.



Interchangeable parts

Cost-effectiveness

The gauge parts are common between the GXT series and PEGASUS' traditional series (EXT series). Therefore you can make effective use of these parts, reducing costs.



Option/Device

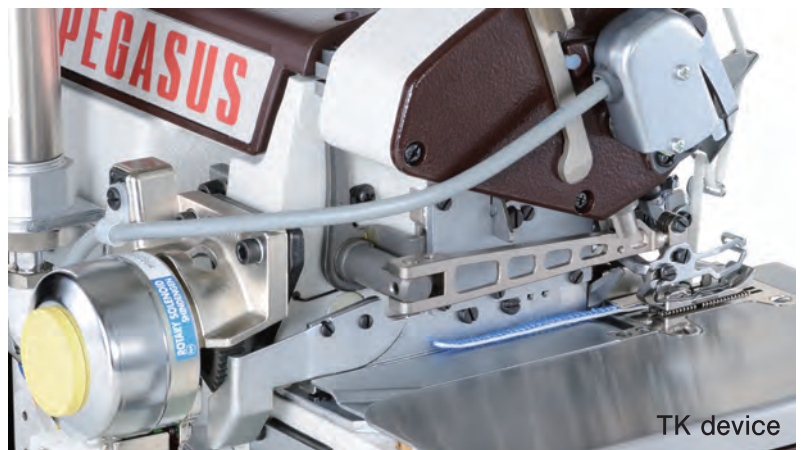
KS KH Thread chain cutter

A thread chain is cut as soon as it is sucked up by air suction. There is no need to cut the thread chain using scissors. Therefore, these devices dramatically increase operational efficiency.



AT TK Tape / Thread chain cutter

These devices cut a tape and/or thread chain at the start and end of sewing. No scissors are needed, resulting in greater operational efficiency. Two types of driving sources are available, pneumatic and electric.



EH Electric hemming guide

This guide automatically slides as soon as the sensor detects the cross seam section. This feature prevents misalignment due to stitch skipping or plyshifting on the cross seam sections, which tends to occur in blindstitch hemming operations. This device allows the operator to concentrate on the sewing operation.

PL Presser foot lift

Pressing the treadle with your heel raises the presser foot. This device is easy to use, thus decreasing operator fatigue and increasing productivity.

Subclasses

Display cases

GXT 52 14 - S - M 0 3 / 3 3 3 - 2X4 / KS

1 Model

32 : Safety stitch machine
52 : Overedger

2 Stitch type

04 : 504, 05 : 505,
14 : 514, 15 : 515,
16 : 516, 44 : 401+514

3 Additional

S : Soft Touch Specs

4 Additional

M: For tightening the needle threads on heavy weight fabrics

5 Operation

0 : Plain seaming
1 : Blind stitch hemming
5 : Attaching tape
C: Piping

6 Fabric weight

2 : Light to medium weight fabric
3 : Medium to heavy weight fabric
4 : Heavy to extra heavy weight fabric

7 Additional

P1 : For Piping without binder
S1 : Available for fullness application
without separator

8 Upper looper capacity

2 : 5x5 (Standard stroke)
3 : 6x6 (High stroke)
4 : 7x7 (Super high stroke)

9 Feed dog row

2 : 2 row (Standard)
3 : 3 row (Standard)

10 *Feed dog pitch*

3 : 1.6mm
5 : 2.5mm

11 Additional

K : With angled knife

12 Gauge

$$\frac{\text{Needle space}}{\text{Needle space} \times \text{overedge width}} \times \text{Overedge width}$$

13 Additional

If non-standard cloth plate is used,
describe N (narrow) or W (wide)

14 Devices



GXT3200

		Fabric weight																Accessories / Option / Remarks
Light	Medium	Heavy																
①②	Plain seaming		GXT3216-S-02/223		2	5	3	4+5	3.8	0.7-2.0	1-6	3.5	5.0	6,000	DC×27#11 (75)		Option : AT,TK,KH,PL	
			GXT3216-S-03/333		2	5	5	5				4.5	5.5					
			GXT3216-03/233		2	5	3	4+5				3.5	5.0					
			GXT3216-03/233K		2	5	5	5				4.5	5.5					
			GXT3244-03/333		3	6	3	2+4	4.5	5.5	DC×27#11 (75)							
			GXT3216-A04/435K		2	5	5	5+6	5.0	0.8-1.5	1-7	5.5	7.0	5,500	DC×27#21 (130)			
			GXT3244-A04/435K		3	6	5	3+4										

GXT5200

 		Fabric weight																																																																																																																																																																																															
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variable top feed, safety stitch machine**

**GXT5200 : DRY-HEAD type,
variable top feed, overedger**

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-Specifications and appearance are subjected to changes without notice.
-Read the instruction manual before operating the machine to ensure safe usage.
-Photos for illustration purpose. They may not represent actual operating conditions and/or displayed optional parts.