



PEGASUS®

# MX

MX3200: Safety StitCh machines

MX5200: Overedgers



# Reliable and High-performance Satisfies you with all of the rec

Providing support worldwide for the knit apparel industry, Pegasus ensures higher quality products with our wealth of know-how.



## Point 1

### **Increases quality with an oil-blocking effect that has never been seen before**

Pegasus has been working on the long-lasting problem of oil blocking, while focusing on manufacturing as in sewing factories, in order to come up with many excellent oil-blocking mechanisms. These features minimize trouble caused by oil during sewing and help you achieve high quality products.



## Point 2

### **Sews light to heavy weight fabrics, offering outstanding cost-effectiveness**

All you have to do is change the position of the presser arm shaft.

Even if you sew a wide variety of fabrics and/or items in different operations, you can obtain neatly-finished products. Only one machine is required to meet all your needs, such as sewing light to heavy weight fabrics, knit and/or woven fabrics. The MX Series allows high quality sewn products with its outstanding cost-effectiveness.



## Point 3

### **Equipped with special surface-treated parts that can withstand long use**

These parts, such as the needle plate and the presser arm holder, have been surface-treated with a special material, so the life of these parts has been dramatically increased. This feature helps decrease maintenance costs.





# Machines!

## quired features

### MX specifications in common

● Max. speed	8,000 rpm
● Stitch length	0.6mm - 5.0mm
● Overedge width	1.5mm - 6.0mm
● Presser foot lift	Up to 7mm
● Differential feed ratio	1 : 0.7 - 1 : 2.4

Note) The details of the specs. vary by subclass.



#### Point 4

#### Achieves a maximum machine speed of 8,000 rpm

Thanks to the various kinds of excellent mechanisms employed, such as specially-coated parts and the new design of the lubrication system, the MX Series achieves a maximum machine speed of 8,000 rpm, so it is suitable for a wide range of needs with sufficient productivity.  
(on the MX5204 Series)



#### Point 5

#### Easy replacement thanks to the use of parts common to both the MX Series and conventional machines

Gauge parts, machine tables and labor saving devices for the EX Series can also be employed for the MX Series. This feature helps you use your machines on hand and helps keep costs down.  
(Special parts are required for some laborsaving devices.)

## Other Features

### ■ Increased ease of operation and safety

A large space is reserved behind the presser arm, so even heavy weight fabrics can be fed smoothly. Operators can work comfortably and operation efficiency is increased. In addition, the large eye guard employed covers the left side to the needle and the related parts. Thanks to this feature, the operators can concentrate on sewing at their ease.



### ■ Equipped with a needle/thread cooling device (HR device) that protects the fabric from heat

Needle heat rises due to friction when the needle penetrates into the fabric with the machine running at high speed, causing thread breakage and/or stitch skipping. The MX Series is equipped with an HR device, so that heat generated on the needle point is definitely reduced. The threads go smoothly through the machine, forming uniform stitches.





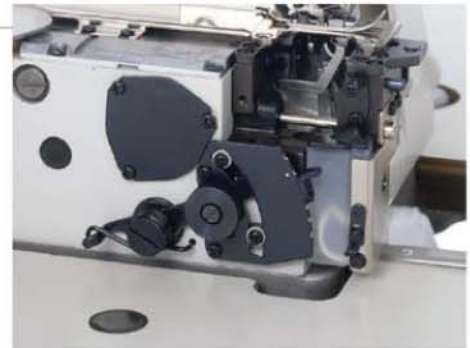
## ■ Push-button type stitch length adjustment

All you have to do is press the push button while turning the handwheel. There is no need to open the cloth plate. Effortless adjustments can be made, by referring to the readings on the handwheel.



## ■ Lever type differential feed ratio adjustment

These adjustments can be readily made according to the characteristics of the fabric with no tools.



## ■ The many features for easy maintenance increase operation efficiency

Threading and replacing needles have become easy operations. In addition, the cloth plate can be opened at a touch, so cleaning and adjustments can also be made easily.



# MX Devices

## ■ Thread chain cutters (KS/KH)

These cutters trim thread chains using the sucking force of air. There is no need to use scissors. These devices greatly increase operation efficiency. Two types are available.

Vertical type vacuum chain cutter: KS

Flat type vacuum chain cutter: KH





## MX Series Subclasses

### Safety stitch machines: MX3200

Seam	Type of machine	Model	No. of needles	No. of threads	Machine speed (rpm)
	Plain seaming				
1	Light weight fabrics, such as dress shirts	MX3216-02/223	2	5	7,500
1	Medium weight fabrics, such as casual shirts	MX3216-03/333	2	5	7,000
1	Extra heavy weight fabrics, such as jeans	MX3216-A04/435	2	5	6,500
1 2 3 6	Various applications, such as 1-needle/2-needle overedging, safety stitching, 3-needle safety stitching	MX3244-03/333	3	6	7,000
	Shirring				
3	Light to medium weight fabrics, such as nightwear, aprons, children's wear	MX3216-42/233	2	5	7,000
	Shirring while piping				
3	Light to medium weight fabrics, such as nightwear, aprons, children's wear	MX3216-42P2/233	2	5	7,000

### Overedgers: MX5200

Seam	Type of machine	Model	No. of needles	No. of threads	Machine speed (rpm)	Remarks
	Plain seaming					
3	Light to medium weight fabrics, such as T-shirts, polo shirts (1-needle overedger)	MX5204-02/233	1	3	8,000	
6	Light to medium weight fabrics, such as T-shirts, polo shirts (2-needle overedger)	MX5214-(M)03/333	2	4	7,500	
	Blindstitch hemming					
7	T-shirts and similar garments	MX5205-12/233	1	3	8,000	Equipped with hemming guide
	Plain seaming/Blindstitch hemming					
3 7	Plain seaming/blindstitch hemming machines, such as T-shirts	MX5204-02H/223	1	3	8,000	Equipped with hemming guide
	Turn down hemming					
6	Light to medium weight fabrics, such as handkerchiefs	MX5204-32R2/223L	1	3	8,000	
	Attaching tapes					
3 6	Light to medium weight fabrics, such as T-shirts	MX5214-M53/333	2	4	7,500	Equipped with tape guide set
3 6	Heavy to extra heavy weight fabrics, such as sweat shirts	MX5214-54/443	2	4	6,500	Equipped with tape guide set



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