



PEGASUS®



MX SERIES 

MX 3200

Safety stitch machine

MX 5200

Overedger



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Overedger



Reliable and High-performance Machines! Satisfies you with all of the required features

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



Common
specifications

MX3200 Series [safety stitch machine] / **MX5200 Series** [overedger]

Max. speed : 8,000 sti/min

Presser foot lift : Max 7.0mm

Stitch length : 0.6mm - 5.0mm

Differential feed ratio : 1:0.7 - 1:3.8

Note) Details differ according to subclasses.

CLOSE UP

SEWS LIGHT TO HEAVY WEIGHT FABRICS

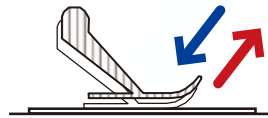
All you have to do is change the position of the presser arm shaft. Even if you sew a wide variety of fabrics and/or items in different operations, you can obtain neatly-finished products. Only one machine is required to meet all your needs, such as sewing light to heavy weight fabrics, knit and/or woven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

<Presser arm shaft at its upper position>
 Suitable for sewing knit fabrics, denim, etc., preventing plyshift.

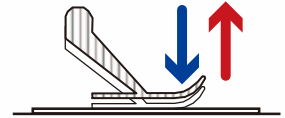
<Presser arm shaft at its lower position>
 Suitable for sewing woven fabrics, etc., preventing puckering.



<Presser arm shaft at its upper position>



<Presser arm shaft at its lower position>



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.



INCREASES QUALITY WITH AN OIL-BLOCKING EFFECT



It can lead high quality products by preventing oil leakage while sewing.



This feature reduces oil stains on sewn products, decreasing the use of stain remover. The MX series is a reliable sewing machine that creates a clean work environment and contributes to global environmental protection.

ACHIEVES A MAXIMUM MACHINE SPEED OF 8,000 STI/MIN (ON THE MX5204 SERIES)

Thanks to the various kinds of excellent mechanisms employed, such as specially-coated parts, the MX Series achieves a maximum machine speed of 8,000 sti/min, so it is suitable for a wide range of needs with sufficient productivity.



EQUIPPED WITH A NEEDLE/THREAD COOLING DEVICE (HR DEVICE) THAT PROTECTS THE FABRIC, NEEDLE, AND THREAD FROM HEAT

Needle heat rises due to friction when the needle penetrates into the fabric with the machine running, causing broken material 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.



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.

EASY REPLACEMENT THANKS TO THE USE OF PARTS COMMON TO BOTH THE MX SERIES AND CONVENTIONAL MACHINES

Some common parts of Pegasus EX series such as gauge parts, table and energy saving devices can be co-utilized, which enables cost saving (some energy saving devices require additional parts).

OPTION



THREAD CHAIN CUTTERS

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



VERTICAL TYPE VACUUM THREAD CHAIN CUTTER



The suction inlet is positioned vertical to the needle plate.



FLAT TYPE VACUUM THREAD CHAIN CUTTER



The suction inlet is positioned behind the needle plate horizontally.



TAPE CUTTER

The cutter knife is lowered with the switch to cut the tape and/or thread chain. No scissors are needed. Two types of switches are available, finger and knee switches.



MECHANICAL BACKLATCHING DEVICE

Thanks to this device, the thread chain is backlatched by sewing it into the overlock seams at the start of sewing in a sleeve closing operation and other similar and then eliminates the need for bartacking.



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.



PNEUMATIC LINT COLLECTOR

This pneumatic device strongly sucks up cutting waste and fine dust generated during sewing, providing clean and comfortable working conditions.



SUBCLASSES

Display cases

1
2
3
4
5
6
7
8
9
10
11
12
13

MX 52 14 - **M** 0 3 - 3 3 3 - **2X4** **N** / **KS0E**

- 1 Model**
32 : Safety stitch machine
52 : Overedger
- 2 Stitch type**
04 : 504 05 : 505
14 : 514 16 : 516
44 : 401+514
- 3 Additional**
M : For tightening the needle threads on heavy weight fabrics
A : For sewing jeans
- 4 Operation**
0 : Plain seaming
1 : Blindstitch hemming
3 : Turn down hemming
4 : Shirring
5 : Attaching tapes
8 : Backlatching
- 5 Fabric weight**
2 : Light to medium weight fabric
3 : Medium to heavy weight fabric
4 : Heavy to extra heavy weight fabric
- 6 Additional**
H : Multiple for plain seaming and blindstitch hemming
R2 : Narrow turn up/down hemming on light weight fabrics
- 7 Upper looper capacity**
2 : 5x5 (Standard stroke)
3 : 6x6 (High stroke)
4 : 7x7 (Super high stroke)
6 : 9x6 (Special stroke)
- 8 Feed dog row**
2 : 2 row(standard)
3 : 3 row(standard)
4 : 4 row(standard)
- 9 Feed dog pitch**
3 : 1.6 mm
5 : 2.5 mm
- 10 Additional**
L : Turn up/down hemming and inserting gut for finishing lines
- 11 Gauge**
Needle space
Needle space x overedge width
Overedge width
- 12 Additional**
If non-standard cloth plate is used, describe N (narrow) or W (wide)
- 13 Devices**

MX 3200															
Icon	Stitch	Fabric weight			Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Accessories/Option/Remarks
		Light	Medium	Heavy											
①②	Plain seaming	[Bar]			MX3216-02/223	2	5	3	4	3.8	0.7-2.0	5	7,500	DC×27#11 (75)	Option: KH,PL,LC
		[Bar]			MX3216-03/333	2	5	3	4	3.8	0.7-2.0	5.5	7,000	DC×27#14(90)	
		[Bar]			MX3244-03/333	3	6	3+2	4	3.8	0.7-2.0	5.5	7,000	DC×27#11 (75)	
		[Bar]			MX3216-A04/435	2	5	5	6	5	0.8-1.5	7	6,500	DC×27#21 (130)	
③	Shirring	[Bar]			MX3216-42/233	2	5	3	4	3.2	0.85-2.8	5	7,000	DC×27#14(90)	Accessories: Shirring device Option: KH, LC

MX 5200															
Icon	Stitch	Fabric weight			Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Accessories/Option/Remarks
		Light	Medium	Heavy											
⑥	Blind stitch hemming	[Bar]			MX5205-12/223	1	3	-	4	3.8	0.7-2.0	5.5	8,000	DC×27#9(65)	Accessories: Blindstitch hemming welt guide Option: KS,PL,LC
④⑤	Plain seaming	[Bar]			MX5204-02/233	1	3	-	4	3.8	0.7-2.0	5	8,000	DC×27#9(65)	Option: KS,PL,LC
		[Bar]			MX5214-M03/333	2	4	2	4	3.8	0.7-2.0	5.5	7,500	DC×27#9(65)	Option: KS,PL,LC
		[Bar]			MX5214-03/333	2	4	2	3	3.8	0.7-2.0	5.5	7,500	DC×27#9(65)	Option: KS,TK,PL,LC
		2	4												
[Bar]			MX5214-03/333	2	4	2	5	3.8	0.7-2.0	5.5	7,500	DC×27#9(65)	Option: KS,TK,PL,LC		
[Bar]						2	5								
④⑥	Blindstitch hemming/ Plain seaming	[Bar]			MX5204-02H/223	1	3	-	4	3.8	0.7-2.0	5.5	8,000	DC×27#9(65)	Accessories: Blindstitch hemming welt guide Option: KS,PL,LC
⑦	Turn down hemming	[Bar]			MX5204-32R2/223L	1	3	-	1.5	3.2	0.7-2.0	5.0	8,000	DC×27#11 (75)	Option: KS,PL,LC
⑤⑧	Attaching tape	[Bar]			MX5214-M53/333	2	4	2	4	3.2	0.7-2.4	5.5	7,500	DC×27#9(65)	Accessories: Tape guide set with presser foot for attaching tape Option: TK,PL,LC Remarks: Multi use for plain seam and attach tape
		2	5												
		[Bar]			MX5214-53/633	2	4	2	4	3.2	0.7-2.4	6.0	6,500	DC×27#9(65)	Accessories: Tape guide set with presser foot for attaching tape Option: KH(2x7),TK,PL,LC Remarks: Multi use for plain seam and attach tape
		[Bar]						2	5						
[Bar]			MX5214-54/443	2	4	2	4	2.4	1.1-3.8	7.0	6,500	DC×27#11 (75)	Accessories: Tape guide set with presser foot for attaching tape Option: TK,PL,LC Remarks: Multi use for plain seam and attach tape		
⑨⑩	Backlatching	[Bar]			MX5204-82/233	1	3	-	4	3.8	0.7-2.0	4.5	8,000	DC×27#9(65)	Accessories: BT Option: KS,LC
		[Bar]			MX5214-83/333	2	4	2	4	3.8	0.7-2.0	5.5	7,500	DC×27#9(65)	Accessories: BT Option: KS

Seam illustration



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* The specification and/or appearances of the equipment described in this catalog is subject to change without previous notice.



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