

Safety stitch machines

MX3200 Series



Max. Speed: 7500 rpm

Stitch length adjustment: Push-button

Diff. feed ratio adjustment: Lever

| Subclass | | | | | |
|------------------|-------------|-------------------|-------------------|--------------|------------|
| Fabric thickness | Subclasses | Number of needles | Number of threads | Needle space | Seam width |
| ~ | MX3216-02 | 2 | 5 | 3mm | 4mm |
| ~ | MX3216-03 | 2 | 5 | 3mm | 4mm |
| ~ | MX3216-42 | 2 | 5 | 3mm | 4mm |
| ~ | MX3216-42P2 | 2 | 5 | 3mm | 4mm |
| ~ | MX3216-A04 | 2 | 5 | 5mm | 6mm |
| ~ | MX3244-03 | 3 | 6 | 3×2mm | 4mm |

Safety stitch machines

MX Series

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.

Point 4 Achieves a maximum machine speed of 8,000 rpm (on the MX5204 Series)

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.

Point 5 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.

Increased ease of operation and safety

A large space is reserved behind the presser arm, so even heavy weight

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 hand wheel. There is no need to open the cloth plate. Effortless adjustments can be made, by referring to the readings on the hand wheel.

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.

Labor saving devices

| code | Device names | Descriptions |
|------|-----------------------------------|--|
| KH | Flat type vacuum 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. The suction inlet is positioned flush with the needle plate and right behind the presser foot. Thanks to this feature, wide double chainstitch, extra heavy weight or woolen thread chains are smoothly sucked up. |
| KS | Vertical type vacuum 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. |