

# A7

## Digital Feeding Lockstitch Sewing Machine

**Digital setting, one-key presents the best sewing stitch for all kinds of fabric**

- Stitch multi-layer detection, stitch multi-layer smoothly, no breaking
- Sealed Oil Pan, avoid fabric pollution, oil free
- Short remaining thread, achieve high quality stitch

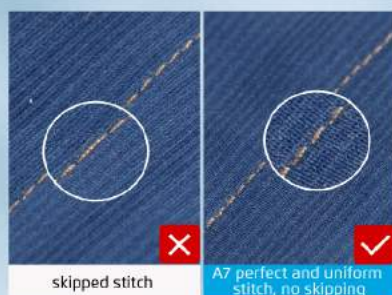


# Digital setting, one-key presents the best sewing stitch for all kinds of fabric

Jack patented digital feeding technology, Stepping motor control up and down, horizontal feeding mechanism, adjust feeding synchronization timing digitally, realize the leading industry technology four kinds feeding locus, through the operation panel selection, easy to achieve high quality stitch of various fabrics.

Patent No CN201922247469/CN201510640000.2

| Locus type   | Main features  | Suitable range  |
|--|--|---|
| Locus 1<br>Conventional fabric<br>    | Suitable for more than 80% of conventional fabrics                         | Work uniforms, woolen coats, windbreakers, casual pants, etc.   |
| Locus 2<br>Slippery fabric<br>        | Without layers wrinkles  | Women's clothing, pajamas, sun protection clothing, and jackets |
| Locus 3<br>Soft and thick fabric<br> | Without skipping stitches and wrinkles                                     | Sportswear, underwear, light down jacket, dresses, etc.         |
| Locus 4<br>Thick fabric<br>         | Smooth for cross stitch sewing, precisely needle distance, no needle break | coats, jackets, sweaters, denim, etc.                           |





# A7 Digital Feeding Lockstitch Sewing Machine

## applicable fabrics

Regular fabrics, suitable for sewing workwear, woolen coats, windbreakers, casual pants and other regular woven fabrics.



Smooth fabric, suitable for soft and slippery fabrics such as lady garment, pajamas, sun protection clothing, jackets, etc., effectively avoid fabric twisting and layers cross bedded during the sewing process.



Soft and thin fabric, suitable for sportswear, underwear, lightweight down, dress and other elastic, lightweight fabrics, which can effectively avoid skip stitches and wrinkles during the sewing process.



Thick fabric, suitable for hard and thick cross fabrics such as cotton clothes, jackets, sweaters, denim, etc. It can effectively avoid the problems of skipped stitches, broken stitches, and pileup of stitches caused by inability to climb during the sewing process.



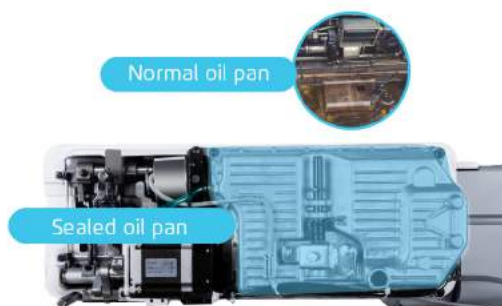
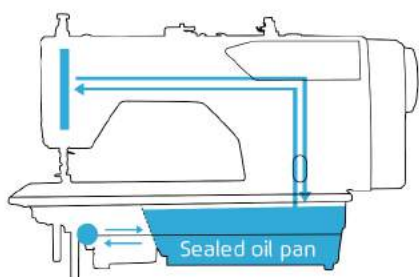
## 1 Stitch cross fabric smoothly, no breaking

When stitch cross fabric or heavy duty material, the machine automatically recognizes the position. Through the advanced control system, the core components are coordinated to increase the torque of the motor, change the trajectory of the step, improve the ability of the machine to sewing thick fabric, and reduce the problems like needle breakage, thread breakage, needle code accumulation, etc. Stitch cross fabric smoothly, stitch length uniform.



## 2 Sealed oil pan, avoid fabric pollution, oil free

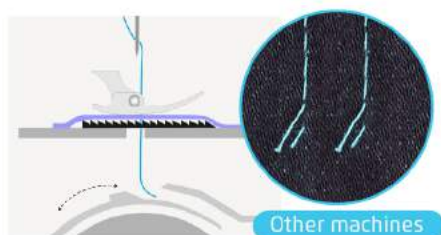
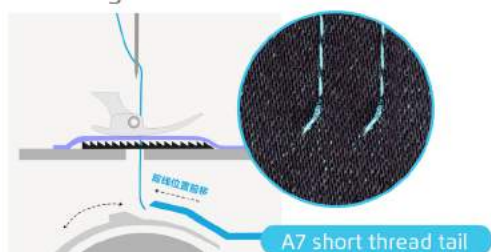
Sealed oil pan, micro oil design, reduce dust entering the machine body, reduce fabric pollution, it is convenient to move and does not spill oil.



Patent No. CN202020599938.0

## 3 Control the thread tail within 3.5mm after trimming

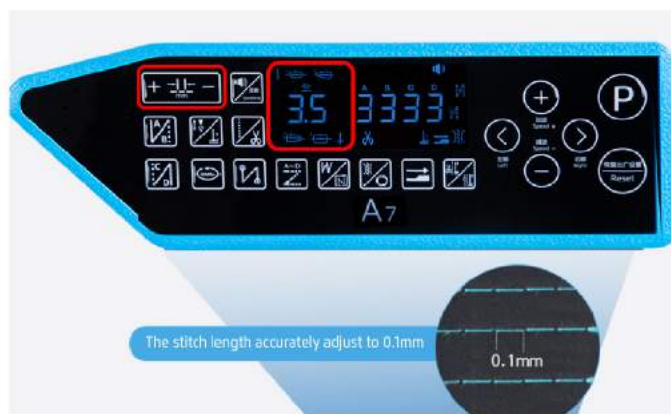
Through stepper motor control up and down, horizontal feeding mechanism, effectively reduce thread accumulation at the beginning of sewing, control the thread tail within 3.5mm after trimming, reduce the cost of manual trimming thread.



Patent No. CN201611210597.8





## 4 Accurate stitch length, easy to lock

The stitch length is controlled by stepping motor, accurate to 0.1mm, and the stitch length adjustment function can be locked as needed to avoid random adjustment of the stitch length.





## A7 Parameter

| Models                      | A7-D  | A7-D-7   | A7-DH   |  |
|-----------------------------|---|--|---|--|
| Needle size                 | DB×1 11-18#   | DB×1 11-18#  | DP×5 18-21#   |  |
| Suitable material           | Light/medium  | Medium, 7mm stitch length  | Heavy duty, 7mm stitch length   |  |
| Maximum speed               | 4000r/min   | 3500r/min  | 3500r/min   |  |
| Maximum stitch length       | 5mm   | 7mm  | 5mm   | 7mm  |
| Needle stroke               | 31  | 31   | 35  |  |
| Feed dog height             | 0.8mm   | 0.8mm  | 1.2mm   |  |
| Sewing space                | 262X130mm   |  |   |  |
| Presser foot lift up height | Manual lift up height 5mm, auto lift up height 9mm, knee lift up height 13mm  |  |   |  |
| Volume                      | 690mmX295mmX550mm   |  |   |  |
| Net weight/<br>Gross weight | 40kg/46kg   |  |   |  |
| Applicable fabric           | 5mm stitch length,<br>applicable light and<br>medium woven and<br>knitted fabric<br> | 7mm stitch length,<br>applicable and medium<br>fabric and heavy duty<br>material, like home<br>textiles, curtain,<br>non-woven fabric<br> | 7mm stitch length,<br>applicable heavy<br>duty, like denim<br>fabric<br> | 7mm stitch length,<br>applicable heavy<br>duty material, like<br>home textiles,<br>disposable slipper<br> |



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# A7

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2. Through real time data analysis, resource allocation is optimized, production efficiency is improved, and delivery cycle is shortened.
3. Seamlessly Connecting with third party applications, enabling the factory to deeply empower production management, equipment management, quality management, etc.



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