

JACK

World No.1

Technology Pattern Sewing Machine Manual



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The most profitable **automatic** template sewing machine

Higher efficiency

better quality

more precise and stable stitches

◆ Effective solution ◆

- | | |
|---|--|
| <input checked="" type="checkbox"/> Difficulty recruiting | <input checked="" type="checkbox"/> Difficulty in training |
| <input checked="" type="checkbox"/> Expensive for workers | <input checked="" type="checkbox"/> Old way of work |
| <input checked="" type="checkbox"/> Low efficiency | <input checked="" type="checkbox"/> poor quality |



unskilled operation

Move your finger, one click



All sewing is completed in one step, and the work efficiency is greatly improved

Fully automatic template sewing machine

- Unskilled operation, click button, all the sewing complete in one step, can keeping working for more than 10 hours.
- The sewing stitches are more stable and beautiful, most advantages on sewing large and complex patterns.

Normal sewing machine

- One day is working 8 hours, the workers are tired.
- When sew large pattern is difficult and the stitches are uneven.

Template sewing machine



Traditional craft

No need skilled worker, salary 3000-4000 ✓	labor cost ✗	skilled workers, salary 6000-8000
less staff turnover (no need skill) ✓	Personnel movement ✗	Attrition is common (After the skill is proficient, if the salary is not high then will quit the job)
5 minutes training is ok, produce high-quality products ✓	training time ✗	3months training then be able to do the basic process
low labor intensity (only need to put fabric, auto sewing) ✓	labor intensity ✗	high labor intensity (workers sew manually)
Fast and efficient, one worker can operate 2-3sets machines ✓	sewing efficiency ✗	one skilled worker only can use one set machine
Template sewing, Product Standards, stable quality ✓	product quality; inattention ✗	there will be defective products
Simplified operation of complex processes ✓	Process capability ✗	The complex process requires skilled lathes to operate

Referral index ★★★★★

Referral index ★

M9

ANTI-THREAD BREAKAGE TEMPLATE MACHINE

threading once a day only



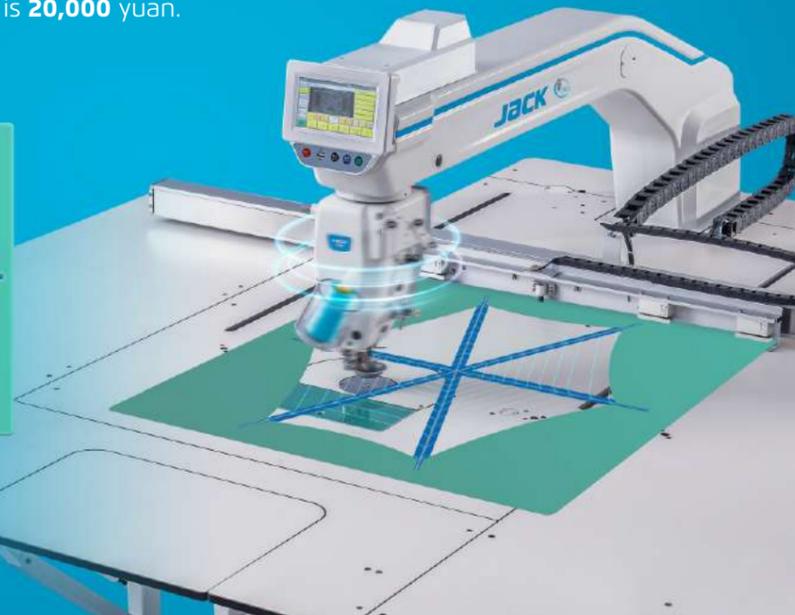
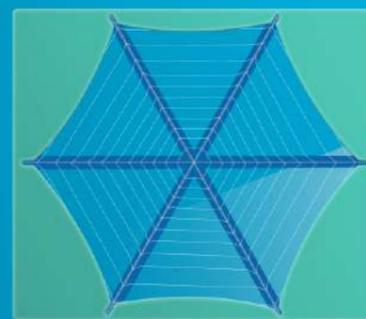
Spirit spider

Equipped with spirit spider
thread control system



Equipped with spirit spider thread control system

the thread break is reduced by **80%**, the sewing speed is increased by **20%**
the efficiency is increased by **17%**, Increased production by **38 pcs** per day
The annual increase in income is **20,000** yuan.



0 THREAD CHANNELS TECHNOLOGY

Nano materials coated thread passing parts, reduce friction by **70%**, abrasion resistance increased by **170** times

30 million needles real machine test, historical sales data of **50,000** units, optimal thread channels design



0 SECOND SYNCHRONIZATION ALGORITHM

Algorithm supports **208** alignment calculations per stitch, the machine head adopts the lightweight design of aviation aluminum, the synchronisation accuracy is increased by **20%**, Apply self-concentric frame, to make the torsion deviation being less than **0.04** mm

Specification

Model	Purpose	Needle	Needle No.	Thread No.	Sewing area (mm)	Middle Presser Foot Walking Distance (mm)	Needle gauge (mm)	Max. speed (R.p.m)	volume (mm)	Weight (kg)
M9-SS-F13-X	Quilting and pattern sewing	Dp×5 DP×17	1	2	1400×950	15	0.05-20	3600	2200×1220×1650	610/690
M9-SS-F11BF13-X	Quilting and pattern sewing	Dp×5 DP×17	1	2	1400×950	15	0.05-20	3600	2200×1220×1650	672/752

Note: Optional: F11B: Laser cutting device (120w), F16: Pointing Device, F17: Laser Purifying device.

Standard: Standard with dry head, eliminate oil leakage; high-precision double screw, feeding without lint leakage; safety distance 8.5cm, template material saving 2cm.

M5 THE LEADER OF IN-LINE TEMPLATE MACHINE

The average efficiency has increased by more than **40%**
Large presser foot distance



Other functions



RFID identification, no need to adjust for exchange
2 times rotary hook, 50% less daily hook change
Intelligent presser foot, easy to adjust
20mm presser foot, multi-layer template for easy sewing

Specification

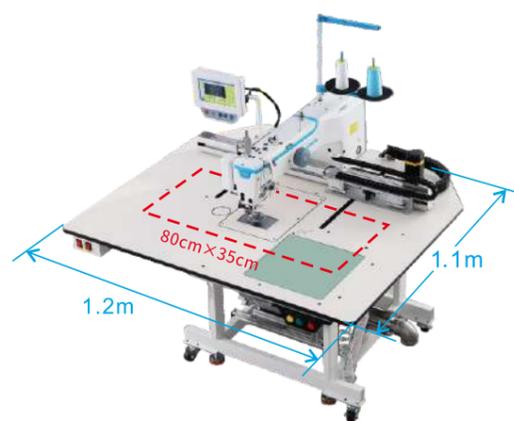
Model	Needle	Sewing area (mm)	Rotary hook	Large presser foot distance (mm)	Needle gauge (mm)	Max. speed (R.p.m)	Power (kw)	Air Pressure Volume of air used	Covering area (mm)	Weight (kg)
M5-X	DP×5 DP×17	800×350	2Double	15	0.05-20	3500	1	0.4-0.6Mpa 3L/min	1200×1100	185/225
M5 [®] -F13F25-X	DP×5 DP×17	800×350	2Double	15	0.05-20	3500	2	0.4-0.6Mpa 3L/min	1200×1100	250/260
M5 [®] -F11AF13-X	DP×5 DP×17	800×350	2Double	15	0.05-20	3500	2	0.4-0.6Mpa 3L/min	1400×1100	255/305
M5 [®] -F11AF13F25-X	DP×5 DP×17	800×350	2Double	15	0.05-20	3500	3	0.4-0.6Mpa 3L/min	1400×1100	285/335

Note: Alternative device--IOT functiion,F11A:Hidden laser system,F13:bottom thread detection,F25:Dragon suction vacuum system.

M5

Smaller land occupation 120cm×110cm

Super large sewing range 80cm×35cm



Advantage 1 Sales leading

Advantage 2 Easy entry and exit of production line



8outof10in-linetemplatemachinesareJacks



smallerlandoccupation, 1.2×1.1m

Ensureeasyhandlingduringin-linesewing, improvingefficiencyby8%

Advantage 3 Small space also has a large processes coverage

Advantage 4 20 exclusive patented designs



Superlargesewingrange, 80×35cm, covering40%ofcomplexlockstitchprocesses



Dragonsuctionvacuumsystem:Supersuction, negativepressure1200Pa

Hiddenlasersystem, sewingandcuttinglesstrimming

Super high speed template machine

Make extra 20 pieces a day



M7

Sewing area 140cm×95cm

New anti-break wire wide range of template machine

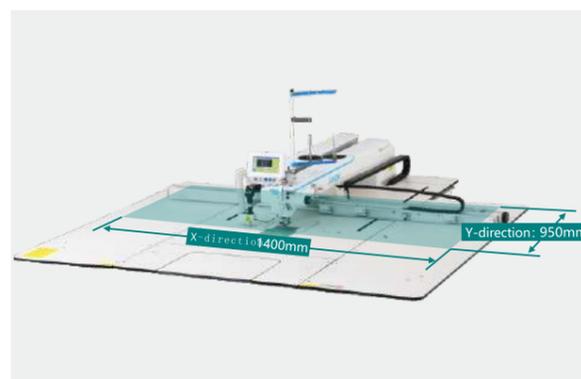
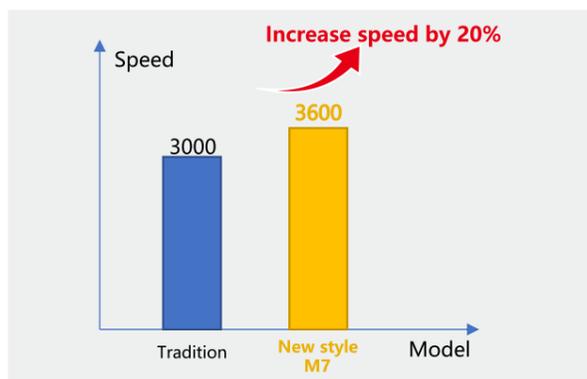
Multi-process, easy to operate, ultra-stable



MS-100A

Sewing area 140cm×93cm

Big/small hook, two/one direction screw rod, sewing area 1400*930mm Bottom detective, folding table



Needle and hook dual drive, 3600 rpm stable sewing

MS-90B

Sewing area 140cm×85cm

Big/small hook, two/one direction screw rod, sewing area 1400*850mm Bottom detective, folding table



Specification

Model	Purpose	Needle	Needle No.	Thread No.	Sewing area (mm)	Middle presser foot height (mm)	Needle gauge (mm)	Max speed (S.p.m)	Volume (mm)	Weight (kg)
M7-SS-F13-X	Quilting and pattern sewing	Dp×5 Dp×17	1	2	1400x950	15	0.05-20	3600	2150x1220x1300	480/550
M7-SS-F11BF13-X	Quilting and pattern sewing	Dp×5 Dp×17	1	2	1400x950	15	0.05-20	3600	2150x1220x1300	550/620

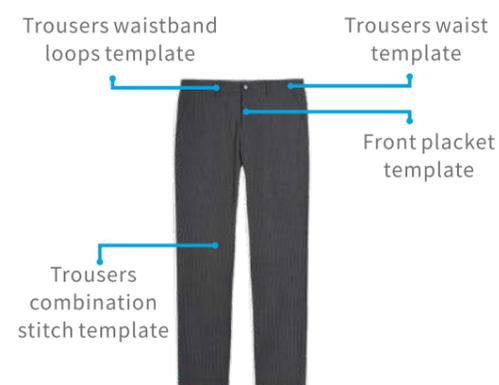
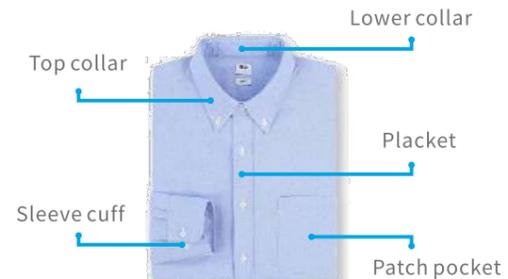
Note: M7 standard F13 bottom line detection; F11B: Laser Cutting (120W)

Specification

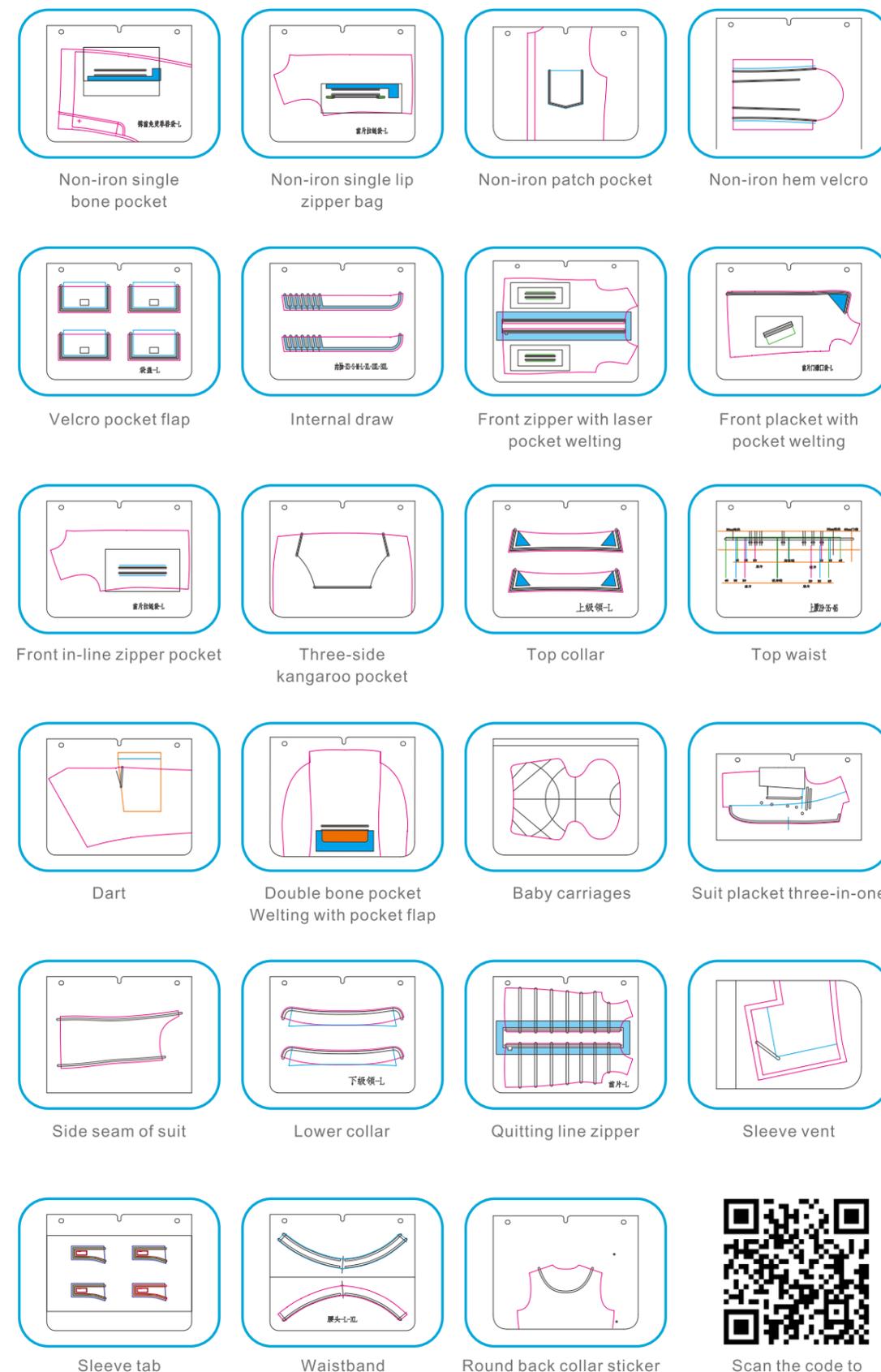
Model	Purpose	Needle	Middle presser foot height (mm)	Needle gauge (mm)	Sewing area (mm)	Max speed (S.p.m)	Volume (mm)	Weight (kg)
MS-100A ⁺ -95STYX-F13	Quilting and pattern sewing	DP×5 DP×17	15	0.05-20	1400×930	3000	2150×1310×1350	662/742
MS-100AP ⁺ -95STYX-F13	Quilting and pattern sewing	DP×5 DP×17	15	0.05-20	1400×930	3000	2150×1310×1350	662/742
MS-100A ⁺ -95SSYX-F13	Quilting and pattern sewing	DP×5 DP×17	15	0.05-20	1400×930	3000	2150×1310×1350	662/742
MS-100AP ⁺ -95SSYX-F13	Quilting and pattern sewing	DP×5 DP×17	15	0.05-20	1400×930	3000	2150×1310×1350	662/742
MS-90B-85STYX	Quilting and pattern sewing	DP×5 DP×17	15	0.05-20	1400×850	3000	2150×1310×1350	628/708
MS-90B-85SSYX	Quilting and pattern sewing	DP×5 DP×17	15	0.05-20	1400×850	3000	2150×1310×1350	628/708

Note: MS-100A standard with Internet of Things, F13 bottom line detection; MS-90B optional Internet of Things, F13 bottom line detection; F11: Laser cutting (90W), F11A: laser cutting (100W).

Common clothing template application



Template process display



Scan the code to see the introduction of process