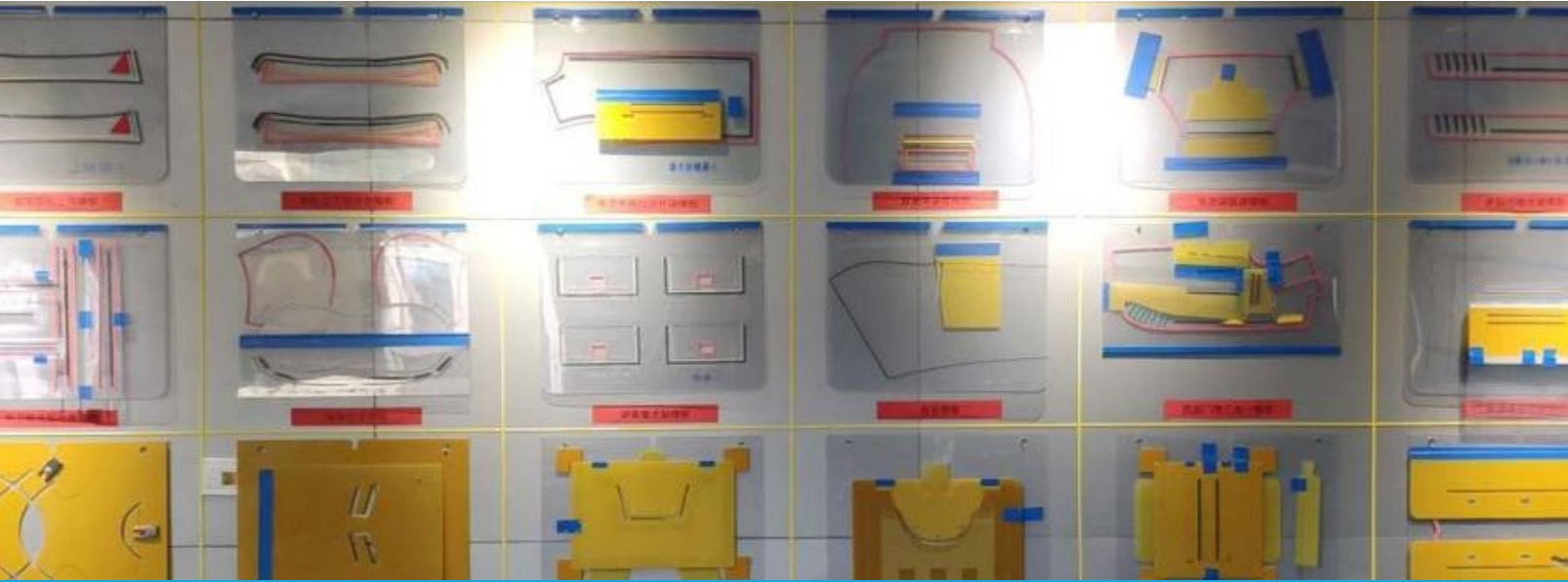


**JACK**

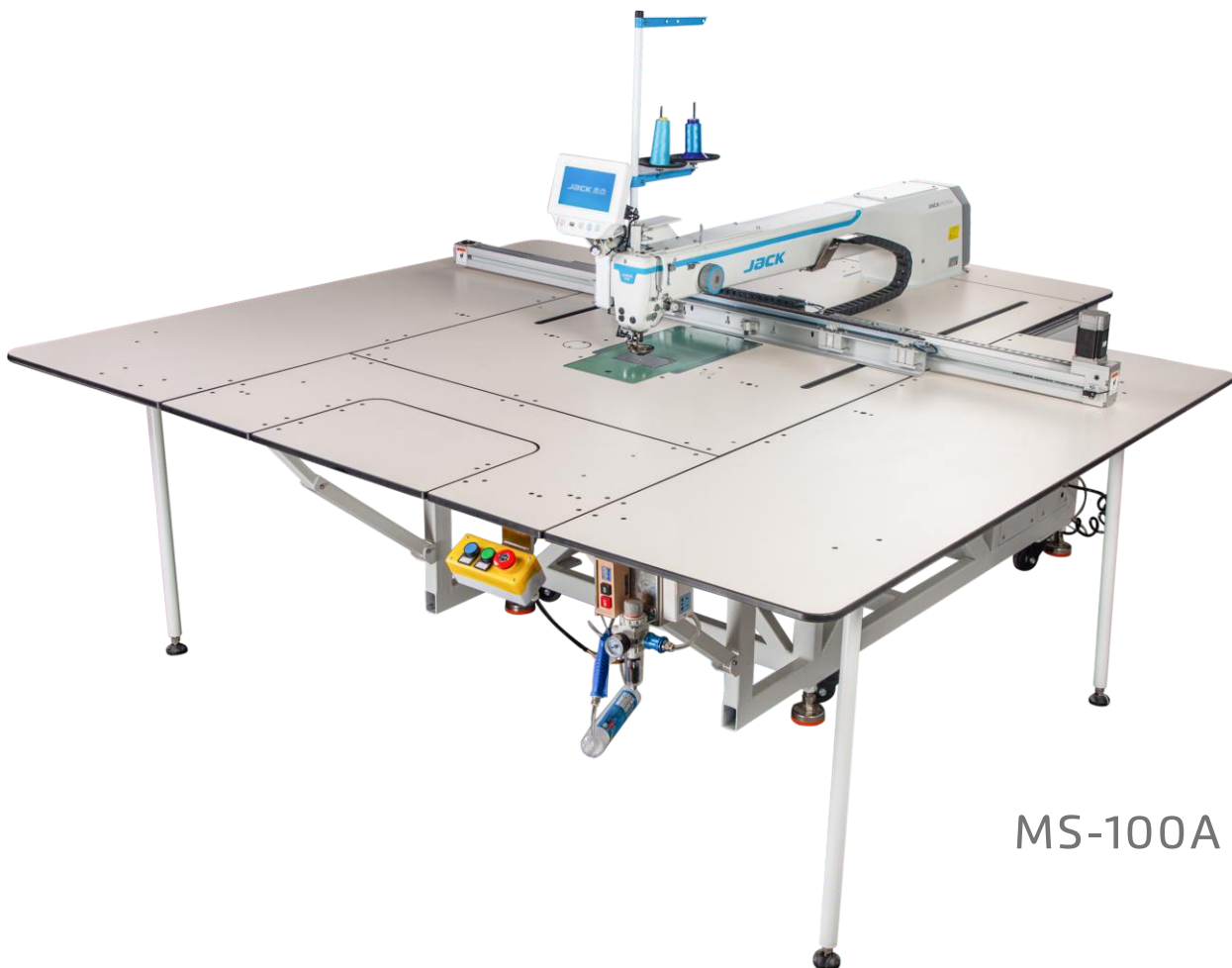
China No.1

Shanghai stock  
listed



# Super Large Sewing Area Pattern Machine

Large sewing area, super stable

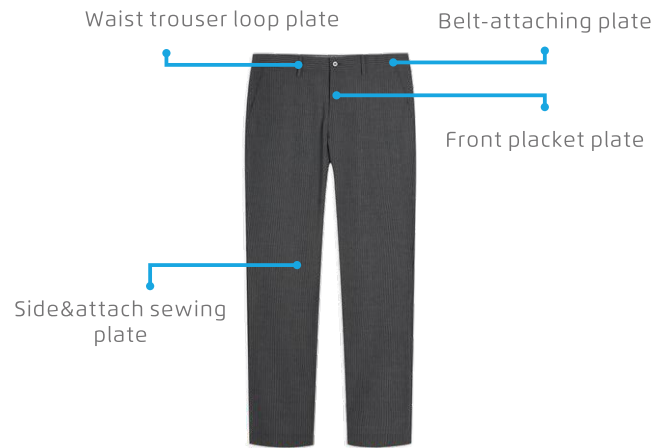
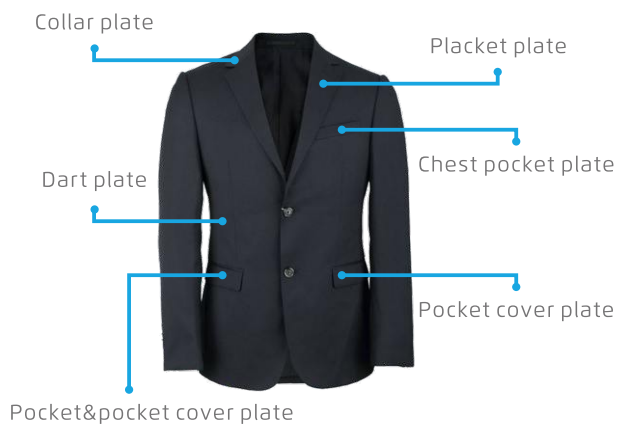
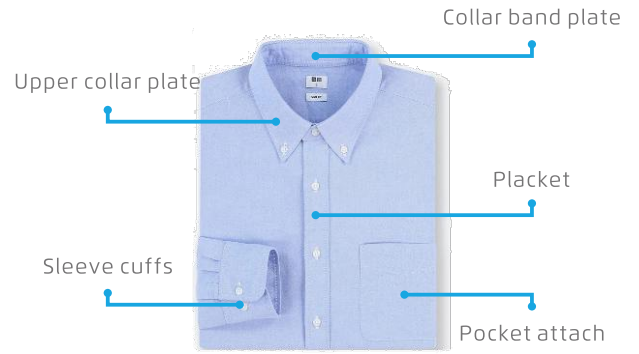


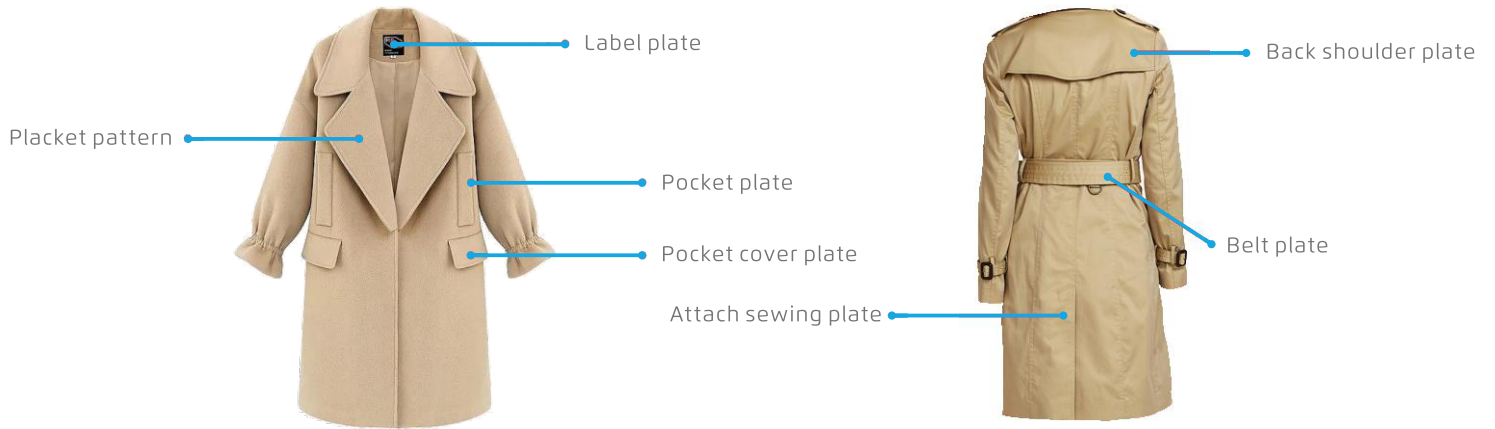
MS-100A

# MS-100A

Item: Super Large Sewing Area Pattern Machine  
Features: Large Sewing Area, Super Stable

## Common Plate Application In Garment Area





## One step sewing, improve working efficiency greatly

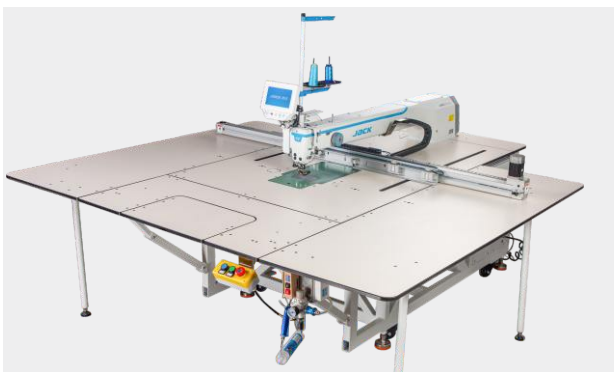
Normal sewing machine with 8 working hours, workers are tired

***MS-100A can achieve all operations by one step with button click and it can work over 10 hours continuously***

Difficult to sew big pattern and uneven stitches by normal sewing machines

***MS-100A series can achieve more stable, beautiful stitches especially for big & complicated pattern***

## Product Advantages



### 1 Germany Industrial Design, Brand New Face

The machine head inherits the Jack family DNA, German industrial design, excellent workmanship, extreme details, beautiful appearance, simple and atmospheric



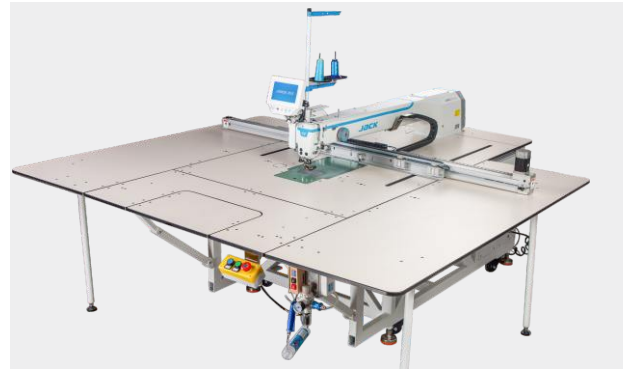
### 2 Electronic Tension Post Function

Electronic tension post function has more stable trimming performance to improve filler leakage and thread broken problem



### 3 Shifted Folding Table, Easy To Assemble&transfer

Compact plate can be folded&shifted, easy to pack&assemble,Smooth table avoids damaging plate,Save transferring cost,More convenient to pack&assemble,Adding folded table design for easy operation



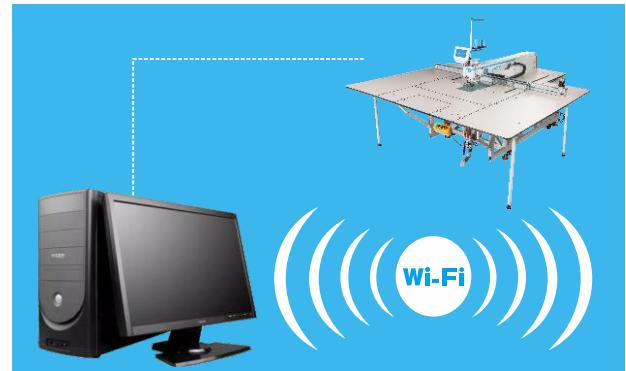
### 4 Super Large Sewing Area

Efficient sewing area 1400×950mm can basically satisfy all garment



### 5 Smart Plate Recognition, Precisely Save Power

FRID radio technology can recognize plate limitless with 100% precision



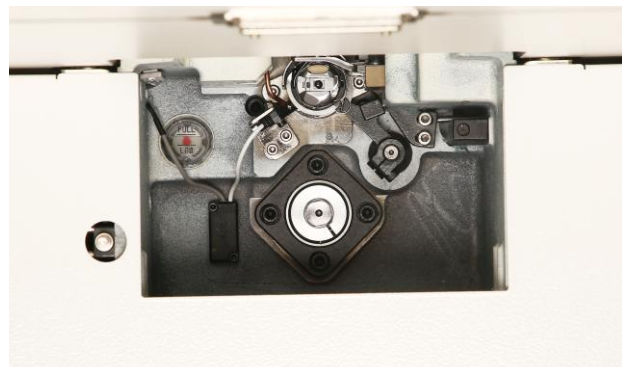
### 6 Remote Control Service, Without Operation Worries

It can achieve remotely failure diagnose, software upgrading, pattern transferring functions



### 7 Screw Drive Feeding, Precise&stable

Imported screw drive feeding parts was adopted in X&Y direction with high precision, which can achieve more precise&stable feeding performance. Machine head is more stable by its complete welding technology and big sewing base. Belt drive is alternative for X direction



### 8 Bottom Thread Detection Function, Save Thread&fabric

Jack patented bottom thread detection device can monitor bobbin thread remaining amount and alarm, and machine can cut thread and stop automatic, which operators can replace bobbin timely before the thread runs out and it can avoid fabric waste

## Alternative Device



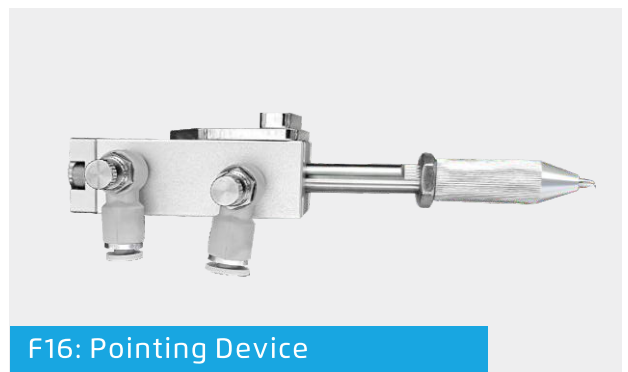
F10: Auto Hook Change Function



F11: Laser Cutting Device



F13: Bobbin Thread Detection Device



F16: Pointing Device

## Analysis&comparison between MS-100A and traditional way

	▼MS-100A		▼Traditional processing way
Labor cost	Professional operators not necessary, monthly salary CNY 2500—3500	PK	Professional workers, monthly salary CNY 4000—6000
Labor turnover	Low labor turnover rate (technology free)		High labor turnover rate (Workers will quit once they acquire professional skills without high salary)
Training time	Workers can operate with 5 minutes training, Produce high quality products		3 months training Handle basic sewing procedure
Labor intensity	Low labor intensity, Put the fabric and then auto sewing		High labor intensity (Manual sewing)
Sewing efficiency	Fast&high efficiency, One worker can operate 2-3 machines		One professional worker can operate one machine only
Products quality	Template sewing, standard&stable sewing quality		Inferior-quality product may occur if workers don't concentrate
Technology ability	Simplify the complicated sewing procedure		Complicated procedure can be operated by professional workers only

# Specification

Model	Purpose	Needle	Needle No.	Thread No.	Sewing Area (mm)	Middle Presser Foot Walking Distance (mm)	Needle Gauge (mm)	Max.Speed (S.p.m)	Volume (mm)	Weight (kg)
MS-100A+-95TYX-F13 (Big hook, One direction screw drive)	Plate sewing	DP×5 DP×17	1	2	1400×950	15	0.1-20	3000	2150×1310×1350	662/742
MS-100AP+-95TYX-F13 (Small hook, One direction screw drive)	Plate sewing	DP×5 DP×17	1	2	1400×950	15	0.1-20	3000	2150×1310×1350	662/742
MS-100A+-95SYX-F13 (Big hook, Double direction screw drive)	Plate sewing	DP×5 DP×17	1	2	1400×950	15	0.1-20	3000	2150×1310×1350	662/742
MS-100AP+-95SYX-F13 (Small hook, Double direction screw drive)	Plate sewing	DP×5 DP×17	1	2	1400×950	15	0.1-20	3000	2150×1310×1350	662/742

Note: standard IOT function; standard F13 bottom thread detection;

Alternative device--F16: pointing device, F17: laser purifying device, F11A: laser cutting device, F11B: high power laser cutting device

## Basic technology parameter

Model	MS-100A	MS-100AP
Max.Speed (S.p.m)	3000rpm	
Hook	2 times hook	1.3 times hook(small hook compatibility)
Sewing area	X×Y: 1400×950mm(one direction screw drive)	X×Y: 1400×950mm(double direction screw drive)
Needle gauge	0.1-20mm	
Needle	DP×5( 8#-14#)、DP×17( 14#-21#)	
Big presser foot distance	15mm	
Middle presser foot walking distance	0-5mm	
Middle presser foot lifting amount	≥15mm	
Maximum stitch numbers for one sewing pattern	60000 needles	
Program recognition way	Electronic tag scanning recognition	
Package size	Length 2150×width 1310×height 1350mm <sup>3</sup>	
Machine occupation area	2460×2260mm <sup>2</sup>	
Net weight/gross weight	662/742 kg	

## Main model configuration

Number	Function configuration	MS-100A	MS-90A	Number	Function configuration	MS-100A	MS-90A
1	Y direction screw drive	●	●	9	Y electronic thread winding device	●	●
2	X direction screw drive or belt drive	Alternative device&function	Alternative device&function	10	Brand new face	●	-
3	Electronic middle presser foot or mechanical middle presser foot	Alternative device&function	Electronic middle presser foot	11	Side folded table	●	●
4	Electronic tension post	●	-	12	Folded table	●	Alternative device&function
5	Bottom thread double blowing device	●	-	13	FRID radio recognition module	●	●
6	Machine head complete welding	●	●	14	Different big presser foot size	●	●
7	Big machine base	●	●	15	Bottom thread detection function	●	Alternative device&function
8	Closed type control box	●	●	16	IOT	●	Alternative device&function

2020.12

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