

JK-T1790 Computerized, high-speed, lockstitch button holing machine series

JACK
The strategic partner of CNGA



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- Supply excellent products
- Design of manufacture process
- Fast and in time after sale service
- Manufacture and managing project
- Diagnosis of collocating sewing equipment
- Informatization of apparel manufacture

**✈ quick
service**

100%

Main technical specifications

													
JK-T1790S-1	Be suitable for buttonholing on mid-heavy material and heavy material which made by knitting material , cotton spinning, synthetic fiber.	DP × 5 11-14#	1	¼"-1¼" 6.4-31.8	2	1	17	4	25×(2.5-4)	4200	750W	780×390×765	112/120
JK-T1790K-1	Be suitable for buttonholing on mid-heavy material and heavy material which made by elastic fabric.	DP × 5 11-14#	1	¼"-1¼" 6.4-31.8	2	1	17	4	25×(2.5-4)	4200	750W	780×390×765	112/120
JK-T1790S-2	Be suitable for buttonholing on mid-heavy material and heavy material which made by knitting material , cotton spinning, synthetic fiber.	DP × 5 11-14#	1	¼"-1¼" 6.4-31.8	2	1	17	4	35×(2.5-5)	4200	750W	780×390×765	112/120
JK-T1790K-2	Be suitable for buttonholing on mid-heavy material and heavy material which made by elastic fabric.	DP × 5 11-14#	1	¼"-1¼" 6.4-31.8	2	1	17	4	35×(2.5-5)	4200	750W	780×390×765	112/120
JK-T1790S-3	Be suitable for buttonholing on mid-heavy material and heavy material which made by knitting material , cotton spinning, synthetic fiber.	DP × 5 11-14#	1	¼"-1¼" 6.4-31.8	2	1	17	4	41×(2.5-5)	4200	750W	780×390×765	112/120
JK-T1790K-3	Be suitable for buttonholing on mid-heavy material and heavy material which made by knitting material , cotton spinning, synthetic fiber.	DP × 5 11-14#	1	¼"-1¼" 6.4-31.8	2	1	17	4	41×(2.5-5)	4200	750W	780×390×765	112/120
JK-T1791S	Be suitable for buttonholing on mid-heavy material and heavy material which made by elastic fabric.	DP × 5 11-14#	1	¼"-1¼" 6.4-31.8	2	1	17	4	70×(2.5-5)	4200	750W	780×390×765	112/120
JK-T1791K	Be suitable for buttonholing on mid-heavy material and heavy material which made by elastic fabric.	DP × 5 11-14#	1	¼"-1¼" 6.4-31.8	2	1	17	4	70×(2.5-5)	4200	750W	780×390×765	112/120
JK-T1792S	Be suitable for buttonholing on mid-heavy material and heavy material which made by knitting material , cotton spinning, synthetic fiber.	DP × 5 11-14#	1	¼"-1¼" 6.4-31.8	2	1	17	4	120×(2.5-5)	4200	750W	780×390×765	112/120
JK-T1792K	Be suitable for buttonholing on mid-heavy material and heavy material which made by elastic fabric.	DP × 5 11-14#	1	¼"-1¼" 6.4-31.8	2	1	17	4	120×(2.5-5)	4200	750W	780×390×765	112/120

You will not be informed if the file has been revised. Please set sample as standard

Edition of October.2012

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**LEADING IN
GLOBAL SALES**

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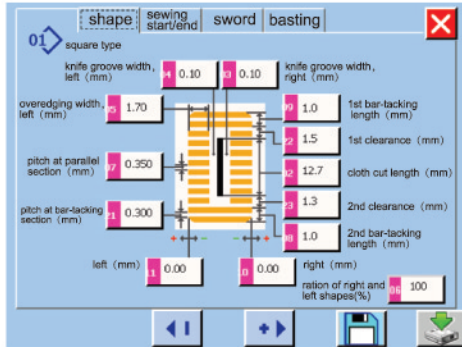
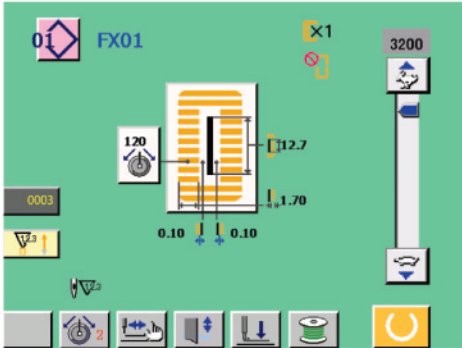
This type machine is driven by energy saving servo motor and stepping motor, for its features of low vibration , low noise , high efficiency and excellent sewing quality, it is suitable for buttonholing sewing of shirts ,working uniforms and T-shirt which made by shuttle fabric and knitting materials . This type machine suit stretch fabric much better. Common knitting material can also be sewn beautifully without changing presser foot. This series machine adopts WINDOWS system, user friendly touchable operation panel, the machine is provided as standard with 30 stitch patterns for button holing, Number of patterns stored in memory can be up to 200, and the buttonholing patterns can be easily changed.































13 Advantages

JK-1790 high-speed, computerized lockstitch buttonholing machine series suit for buttonholing sewing of shirts , working uniforms and T-shirt which made by shuttle fabric and knitting materials This type machine is suitable for elastic fabric much better. Common knitting material can be sewn beautifully without changing presser foot.

1 Providing as standard with 30 stitch buttonholing patterns

The machine is provided as standard with 30 stitch patterns for button holing, Number of patterns stored in memory can be up to 200. Equipped with USB connector, it can be easily upgraded and added pattern of buttonholing



 1.square type	 2.round type	 3.radial square type	 4.radial type	 5.radial straight bar-tacking type
 6.radial taper bar-tacking type	 7.eyelet square type	 8.eyelet radial type	 9.eyelet straight bar-tacking type	 10.eyelet taper bar-tacking type
 11.semi-lunar type	 12.round square type	 13.semi-lunar square type	 14.semi-lunar straight bar-tacking type	 15.semi-lunar taper bar-tacking type
 16.eyelet semi-lunar type	 17.eyelet round type	 18.sqare radial type	 19.square semi-lunar type	 20.square round type
 21.square straight bar-tacking type	 22.square taper bar-tacking type	 23.radial semi-lunar type	 24.radial round type	 25.semi-lunar radial type
 26.semi-lunaround type	 27.bar-tacking	 28.bar-tacking , right out	 29.bar-tacking left cut	 30.bar-tacking center cut



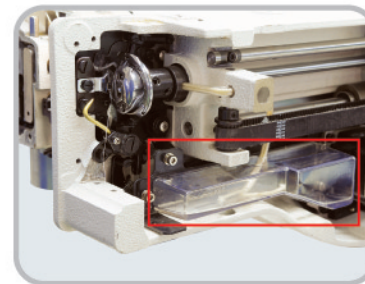
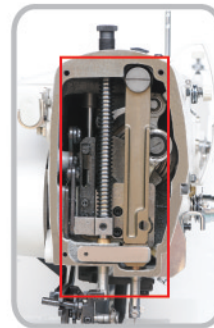
2 Multi-function operation panel

Equipped with HD touchable operation panel, convenient to operate , operator can master the operation technology after short training.



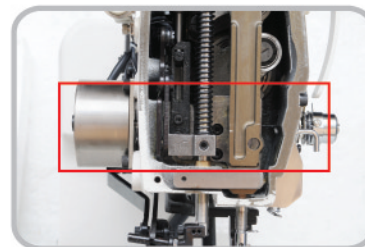
3 Dry-head semi-dry hook

Applying advanced dry-head and semi-dry hook technology, the finished products are provided by preventing oil from staining the material being sewn. This series machine also can be easily cleared and lubricated easily.



4 Electron tension device

Operation panel can adjust the tension of thread in the whole process of bottom sewing, starting of sewing, baseline sewing ,bar-tack sewing ,thread trimmer and ending of sewing ,all data can be saved, not only does it guarantee the beautiful stitch, but also prevent thread broken, skipping stitch, thread trimmer not catching up thread etc.



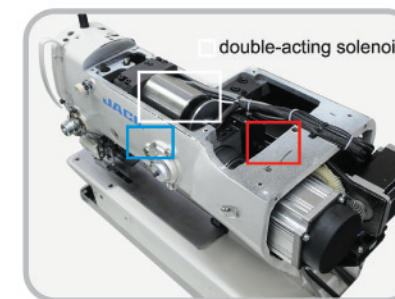
5 A easily- operated platform

Platform which is easy to control, is also convenience for putting fabric in the right place, it will be more helpful by installing the assistant tray table.

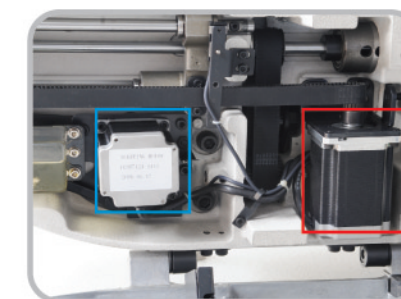


6 Optimized electron drive mechanism

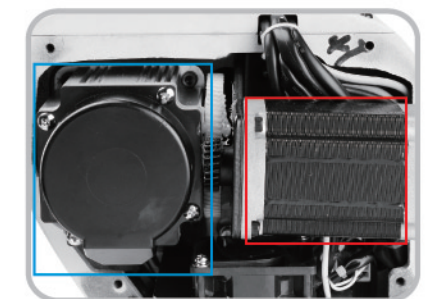
Main shaft is driven by servo motor, needle bar rocking, feed, needle thread trimmer , bottom thread trimmer and cloth cutting knife are driven by stepping motor and double-acting solenoid, low vibration , low noise , high efficiency and excellent seam quality.



□ stepping motor for cutting needle thread
□ stepping motor for needle bar



□ stepping motor for cutting bobbin thread
□ stepping motor for feeding



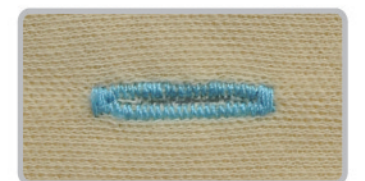
□ servo-motor for main shaft
□ stepping motor for presser lifting

7 Bottom sewing function

Bottom sewing function make it more suitable for stretch fabric



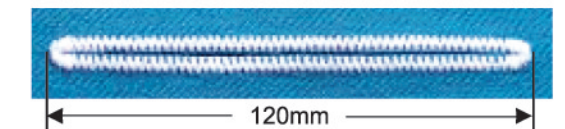
buttonholing without bottom sewing



buttonholing with bottom sewing

8 Cutting time after time

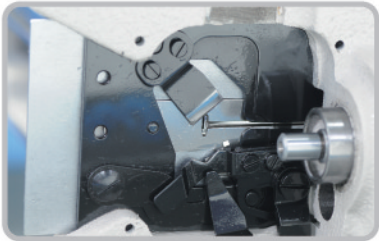
The strength of cloth cutting knife can be changed based on different materials, the knife can cut several times. In order to make the size of button holing become larger without changing the knife , we can realize it by changing times of cutting. Optimized cutting knife cuts materials very well and return very well



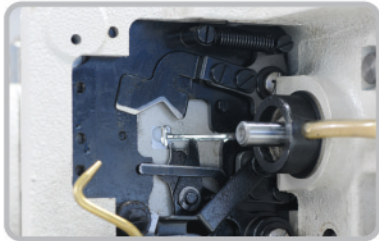
9 Optimized the bobbin thread trimmer and hommization design of LED light

JK-1790series apply new bobbin thread trimmer ,making the bottom line left much shorter and thread tension much steady, to avoid skipping stitch at the starting of sewing.

Equipped with LED light, this type machine help operator to place material more accurately, the operators' fatigue can be greatly eliminated.



Bobbin thread cutting mechanism of other brands



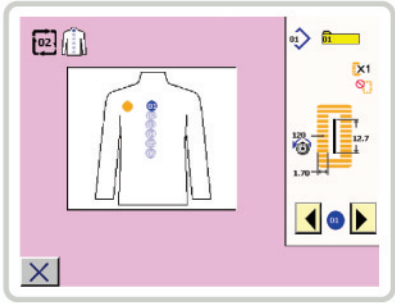
Bobbin thread cutting mechanism of JACK-1790



hommization design of LED light

10 Cycle stitching and continuous stitching function can be set easily.

20 programs can be saved for cycle stitching and continuous stitching, each cycle stitching has 15 patterns to set, it is convenient to design program.



11 Optimized hook design

Shuttle hook of JK-1790 series wind bobbin thread much more smoothly, it can be suitable for much more materials and can process elastic fabric better like sweater, woolen sweater and swimwear materials etc..



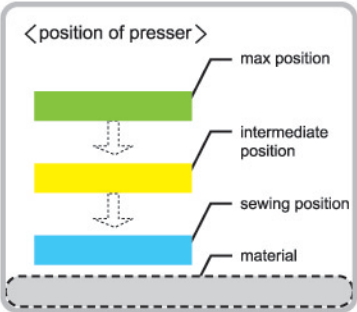
1790旋梭

12 Excellent soft actuating function and bar-tack sewing at starting and ending sewing function

At the time of launching slow-starting function, it can be set in different speed at the first 5 needle, at the ending of sewing , it can also be set needle value of bar-tack sewing in accordance to the different materials and requirements.

13 Diversified functions are optional

Equipped with automatic presser foot lifting, the operators' fatigue can be greatly eliminated. According to ones own habit, it could be set to the state transition among 2-pedal, 1-pedal without intermediate position and 1-pedal with intermediate position. What is more, the height of pressure foot can be set arbitrarily, via needle sewing function, the maximal height of the foot can reach to 17mm.



SPECIFICATION

sewing speed	standard speed 3600rpm(Max4200rpm)(Max 3300rpm when dry hook used)3600rpm(Max4200rpm)(Max 3300rpm when dry hook used)
needle bar stroke	34. 6mm
cutting knife	6. 4~31. 8mm (1/4" -1 1/4")
width of bar-lacking	Max 5mm(Max:10mm when special spare parts used)
length of buttonholing	Max 41mm(Max:120mm when special spare parts used)
needle bar split	0. 05mm
tension of needle thread	electron thread tension
number of stitch	size of buttonholing can be figured out by gauge of stitches
needle	DP×5 (#11J~#14J)
hook	DP Type full-rotary hook
lift of presser foot	14mm(17mm at the time of needle up by reverse run)

automatic presser foot lifting	driven by stepping motor
needle rocking	driven by stepping motor
needle thread trimmer	driven by stepping motor
bobbin thread trimmer	driven by stepping motor
feed drive method	driven by stepping motor
cloth cutting knife	driven by double-acting solenoid drive
standard patterns	30 kinds
number of patterns stored in memory	200 kinds
bobbin thread winding device	build-in machine head
main shaft	driven by servo motor
power	single phase 220/230/240V 1000VA
way of lubrication	semi-dry hook
lubricate oil	normal
weight	112kg

Distinguish the model

JK-T1790S

Distinguish the machine	
Cutting knife	Code
6.4~31.8mm	0
6.4~120mm	2
6.4~70mm	1

Distinguish the specification	Code
Standard	S
Knitted	K