

To Be Better.....We Can!

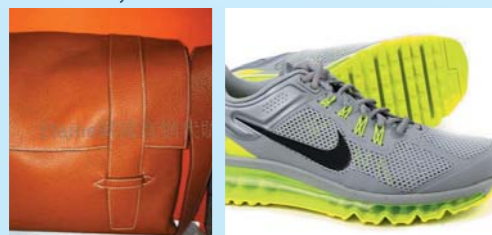
# PT-3020P series PT-3020 series

COMPUTER-CONTROLLED PROGRAMMABLE  
MACHINE WITH INPUT FUNCTION



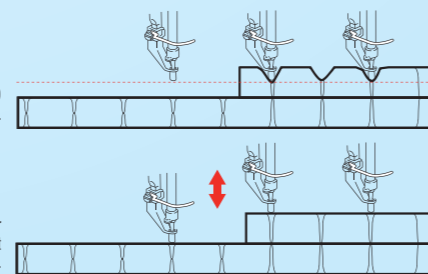
Outstanding Operability, High-quality Sewing and High Efficiency

- Max. sewing speed: 2,700 rpm
- With the world's initiative flexible intermediate presser, the machine can automatically adjust the height of the intermediate presser according to the thickness of fabrics and make the stitch perfect.
- The world's initiative design of rod and gear running in the sealed tank reduces the noise and enhances the durability.
- The world's initiative kinking preventing device of take-up lever effectively prevents the thread jumping into the lever and rod, so the damage of the machine will be avoided.
- The oil-free needle bar prevents oil staining from the needle bar and thread take-up area. The direct drive system, having no belt shavings can keep products clean.
- Various bar tacking patterns can be sewn within the area of 300mm (length) and 200mm (width).
- Full closed-loop pulse motor drive saves energy and achieves high-quality sewing efficiently.



Original intermediate presser (PT Series)  
The height of intermediate presser is unchangeable.

New programmable intermediate presser  
The intermediate presser automatically adjust its height according to the thickness of fabrics.



**CHNKI**<sup>®</sup>

## Specifications

Model	Lockstitch	Double rotating Hook	Sewing Area	Stitch Length	Thread Trimmer	Thread Wiper	Max. Sewing Speed	Air Consumption
PT-3020	★	2	300×200mm	0.05 - 12.7mm	★	★	2,700 sti/min <sup>*1</sup>	1.8 l/min
PT-3020P	★	Double-capacity hook	300×200mm	0.05 - 12.7mm	★	★	2,700 sti/min <sup>*1</sup>	1.8 l/min

Machine head	Lockstitch sewing machine (with double-capacity hook / rotating hook)
Stitch form	Single needle lock stitch
Max. sewing speed	2,700 sti/min <sup>*1</sup>
Sewing area (X × Y)	Max. 300×200mm
Feed mechanism	Intermittent feed (pulse motor drive)
Stitch length	0.05 - 12.7mm (0.05mm step)
No. of stitches	500,000 stitches - internal memory <sup>*2</sup>
Max. number of stitches	30,000 stitches per pattern
No. of sewing data storable	Internal memory: 512 <sup>*2</sup> , USB flash drive: 900
Work clamp drive	Pneumatic drive
Work clamp lift amount	Max. 30mm
Work clamp operation mode	Integral work clamp
Intermittent presser foot lift amount	22mm
Intermittent stroke	0.3-7mm (Default setting: 3mm)
Hook	Double-rotating hook (Standard rotating hook: Option) / Double-capacity hook
Thread wiper	Standard equipment
Thread trimmer	Standard equipment
Data storage media	Internal memory, USB flash drive (32M-2GB)
User programs	100 <sup>*2</sup>
Cycle programs	9
Motor	AC servo motor 750W
Weight	Machine head: approx. 160kgs, Operation panel: approx. 0.6kgs, Control box: 14.2-16.2kgs (depending on destination)
Power supply	Single-phase 220V 500VA
Air pressure/ consumption	0.5 Mpa 1.8 l/min

<sup>\*1</sup> When sewing at a sewing speed of 2,700 sti/min, set the stitch length to 3.5mm and under.

<sup>\*2</sup> The number of data items and stitches that can be stored will vary depending on the number of stitches in each program.

## How to order?

Code	Application	Code	Application	Code	Presser foot
P	Rotating hook	S	standard	A	Pneumatic integrated drive
		H	For heavy material	B	Pneumatic locking-type drive

PT-3020-P  A

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Save power by using servo motor.  
Noise reduced by 3dB than old model.  
Save the oil by 1/3 through non-oil supply technology.