

PS-10080 series

PERFECT STITCH PROGRAMMABLE PATTERN
TEMPLATE SEWING MACHINE

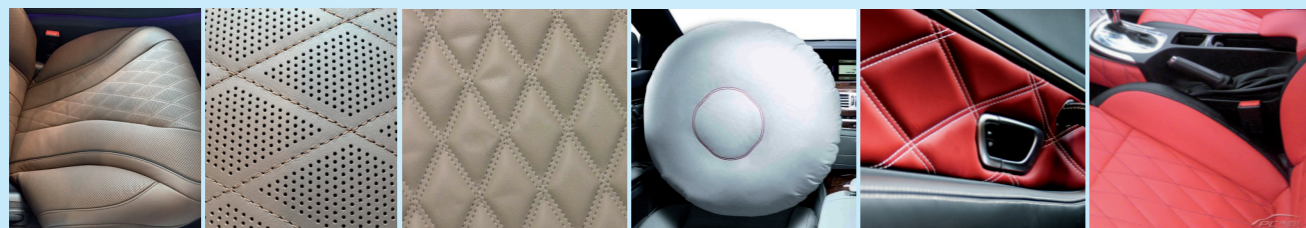


Each direction sews perfectly by rotatable sewing head design

- The Max rotates speed: 2,000 sti/min, The Max sewing speed: 6m/min.
- Sewing area:1000mm(X) * 800mm(Y)
- Equipped with abnormal alarm function and can identify 200 different kinds of templates automatically.
- Equipped with the advanced full-dry head design, programmable flexible intermediate presser and unique upper thread catching device.
- Equipped with rotatable sewing head which can sew any patterns perfectly.
- The world's initiative double X-axis drive and Y-axis drive design make do the template move quickly and smoothly.

SAHARA TECHNOLOGIES
#62-64, Pallivasal Street, College Road,
Sadiq Batcha Nagar, Tirupur -641 602.
Mobile : +91-9944450008 Tel: 0421 4336778
Email - sabeer@saharatec.in,
sabi@saharatec.in, ponnusamy@saharatec.in

Some application examples of the PS series machines:



Specifications

Model	Lockstitch	2Hook	Sewing Area	Stitch Length	Thread Trimmer	Thread Wiper	Max. Sewing Speed	Air Consumption
PS-10080	★	2	1000 × 800mm	0.05 – 12.7mm	★	★	2,000 sti/min*1	1.8 l/min

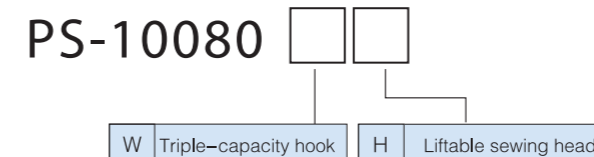
Machine head	Lockstitch sewing machine (with double- capacity hook)
Stitch form	Single needle lock stitch
Max. sewing speed	2,000 sti/min *1 (commonly 1800sti/min)
Sewing area (X × Y)	MAX. X1000 × Y800mm
Feed mechanism	Intermittent feed (pulse motor drive)
Stitch length	0.05 - 12.7mm (minimum 0.05mm per step)
No. of stitches	500,000 stitches - internal memory *2
Max. number of stitches	30,000 stitches per pattern
No. of sewing data storable	Internal memory: 512 *2, USB: USB flash drive: 900
Rotation angle	+360° -360° Minimum unit of rotation angle 0.225°
locking mode	Pneumatic drive
Template fixed method	lock
Intermittent presser foot lift amount	22mm
Intermittent stroke	0.3-7mm, (Default setting: 3mm)
Hook	with double- capacity hook(triple-capacity hook is optional)
Thread wiper	Standard equipment
Thread trimmer	Standard equipment
Data storage media	Internal memory, USB: USB flash drive (32M-2GB)
User programs	100 *2
Cycle programs	9
Motor	servo motor of upper shaft 750w servo motor of lower shaft 550w
Weight	Total about 800kgs
Power supply	Single-phase 220V 600VA
Air pressure/ consumption	0.5 Mpa 1.8 l/min

* 1 When sewing at a sewing speed of 3,000 sti/min, set the stitch length to 3.5mm and under.

* 2 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?

Head



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