

SS-E604X



☆ SINCE 1980

CHARACTERISTIC

◆ Footie socks

◆ 3 color jacquard patterns

◆ 6 colors + 1 ground

◆ All-in-one sinker cap

◎ Knit scales :

Single or double welt, full & half terry(top and bottom), heel & toe in different sizes and types(Y heel, big and small heel etc), minimum 2 colors in heel & toe, 3D effects(reversed heel & toe) and footie socks, mock ribs, tuck, mesh, 3 color jacquard patterns, two-tone elastic, left & right, full elastic and tubular fabric etc.



Santoni (Shanghai) Knitting Machinery Co., Ltd.

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Company website

SS-E604X

The detailed specification of product

1. Textile possibilities

- ◆ Embroidery pattern max 5 or 6 colors + 1 ground in a single cycle
- ◆ Embroidery pattern max 4 or 5 colors + 1 ground + elastic floating in a single cycle
- ◆ Embroidery pattern max 4 or 5 colors + 1 mesh ground in a single cycle
- ◆ 2 color jacquard patterns + embroidery pattern max 4 or 5 colors in a single cycle
- ◆ 2 color jacquard patterns + elastic floating in a single cycle
- ◆ 3 color jacquard patterns in a single cycle
- ◆ The total embroidery pattern max 13-17 colors can be added in a single sock

2. Product features

- ◆ 8 pcs of yarn finger on the main feeder
- ◆ 1-2 pcs of yarn finger on the elastic feeder
- ◆ 13-17 pcs of yarn finger on the color feeder
- ◆ 1-3 pcs of yarn finger on the assistant feeder
- ◆ The total 23-30 pcs of yarn finger

3. Technical features

- ◆ Equipped with Chinese solenoid valves
- ◆ Equipped with "made by Soosan" 6-7 magnetic actuators with 16 flaps for jack selection
- ◆ Density adjustment by step motors
- ◆ Possible to store several articles in CPU memory
- ◆ Possible to run a sequence of up to 4 different articles
- ◆ Possible to modify the programs and the parameters on machine computer
- ◆ Programs are loaded through USB
- ◆ UPS power backup system
- ◆ Automatic lubrication

4. Available options

- ◆ Integral sinker cap for half & full terry and plain (all-in-one type)
- ◆ Device for A type of advanced center cam (Advantage: terry footie)
- ◆ Device for B type of advanced center cam (Advantage: terry footie, 1 + 1 jacquards)
- ◆ Device for second elastic feeder
- ◆ Device for extra embroidery pattern color
- ◆ Device for one more movement of main finger
- ◆ Device for three movements of press sinker cam (Advantage: reduce defective of terry socks)
- ◆ Device for one more extra color feeder with actuator (1 ground + 6 colors) 7F
- ◆ Device for consolidation on sole (only for plain)
- ◆ Device for anti-twist
- ◆ Install step motor for controlling position of sinker cap
- ◆ Install step motor for controlling speed of ring cutter
- ◆ IRO yarn feeder
- ◆ BTSR yarn flow sensor
- ◆ Advanced mechanical yarn flow sensor
- ◆ Socks detector
- ◆ Advanced yarn creel
- ◆ Suction fan

5. Technical data

Model	Cylinder Diameter (")	Function	Gauge	Needle Count (N)	Max Running Speed (RPM)		Power Required(kw)		
					Plain	Terry	Drive Motor	Blow Motor	Control Box
SS-E604XP	3 1/2"	plain	24-36-48-54	72-220	350 (84-200N)	N/A	1-1.1	≥ 0.75	0.80
SS-E604XPM		plain / terry		72-168		300 (84-200N)		≥ 1.1	
SS-E604XU	3 3/4"	plain / terry		72-240	300 (220-260N)				
SS-E604XT	4"	plain / terry		72-260	250 (220-260N)				

Net Weight (kg): 330 Gross Weight (kg): 400
 Floor Space(W × L × H)(cm): 145 × 110 × 240 (including yarn creel)
 Packing Size(W × L × H)(cm): 95 × 110 × 180
 Air consumption per machine: 0.05~0.07m³/MIN
 Air pressure per machine: 0.65MPa (6.5Kgf, 6.5Bar)
 Rated power per machine: 2.9~3.3KW (440V=6.6A~7.5A, 380V=7.63A~8.68A, 220V=13.2A~15A)
 Actual power per machine: 1.2~1.5KW (440V=2.72~3.41A, 380V=3.15~3.95A, 220V=5.45~6.81A)

★ Please visit our website for more information and updates.

REMARK

1. The maximum speed depends on various factors like yarns, stitch's types and lubrication etc.
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