

SEAMLESS TECHNOLOGY

ELECTRONIC SEAMLESSWEAR KNITTING MACHINE
SM4-C SINGLE JERSEY

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Single jersey electrical circular machine with 4 feeds in diameters from 7" to 10" with 2 points of monomagnetic selection per feed (by 3 technical ways). It allows the production of single seamless garments for ladies and children underwear, outerwear, swimwear and sportswear.

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SM4-C SINGLE JERSEY

TECHNICAL FEATURES

● DIAMETERS

7" - 8" - 9" - 10"

● MACHINE GAUGE

Npi 14 - 16 - 22 - 24 - 26 - 28 - 30 - 32

● NEEDLES GAUGE

From gg 36 to gg 75.

● NUMBER OF FEEDS

4 for any diameter.

● MAXIMUM SPEED

Speed factor from 2100 (7" 300 rpm).

● TYPE OF SELECTION

Monomagnetic with 2 selection points on each feed for 8 selection points in total.

● STRIPPING YARNFINGERS

On each feed radial yarnfingers: n.9 on HF70 and n.10 on HF80 - HF90 - HF100.
Step-by-step motor to check the angle position of n.2 yarnfinger for the plating fabric.

● TRAPPER FOR BARE AND COVERED ELASTIC YARN

Dial with 2 trappers for elastic welts plus one trapper on each feed.

● DIAL JACKS AND YARN CUTTER

Dial vertical movement driven by step-by-step motor which allows the height variation of the cutter work.

● SUCTION SYSTEM

By one suction fan or central system. Air limiting valve with electronic incremental programming.

● STITCH CAMS

Stitch formation adjustment by step motors independently on each feed, with possibility of loop widening, tightening and shading on the same course. Pneumatically controlled needle raising cam for the knitting of 2 colors on the same course. Use of variable profile stitch cam.

● SINKER CUP

n° 2 step-by-step motors, one for angle position and one to settle positioning of stitch pressing cams.

● MAIN KNITTING POSSIBILITIES

Single or double welt carried on with jacks in several selections with knitted, floated or laid-in elastic yarn.
Possibility to knit on 4 feeds by 3 technical ways or 2 colors on ground yarn in the same course.
Possibility to knit on 2 feeds by 3 technical ways plus 2 colors on ground yarn in the same course.
4 feeds knitting possibility plus 2 feeds in laid-in.

● YARN FEEDERS

1 BTR ULTRAFEEDER (for the elastic welt at the 1st feed).
Optional: BTR ULTRAFEEDER; MEMMINGER SFE - ELAN; LGL

● YARN SENSORS

Optical sensors (n. 40).

● CREEL

Complete back creel.

● LUBRICATION

Motor unit with oil recycle.

● CYLINDER ROTATION

Motor and inverter for HF70 and brushless motor for HF80-90-100 with electronic handwheel.

● ELECTRONIC CONTROLLER

MATEC equipment.

● MACHINE KEYBOARD

With monochromatic display back lighted.

TECHNICAL FEATURES

PROGRAMMING

Kit of programming "Matec Work Banch".

CONSUMPTION

Absorbed power: for fans 3,8 kW; for motor 2,2 kW.
Compressed air: 50 lt/min at 6 bar.

WEIGHT

Approx. kg 450 / 550.

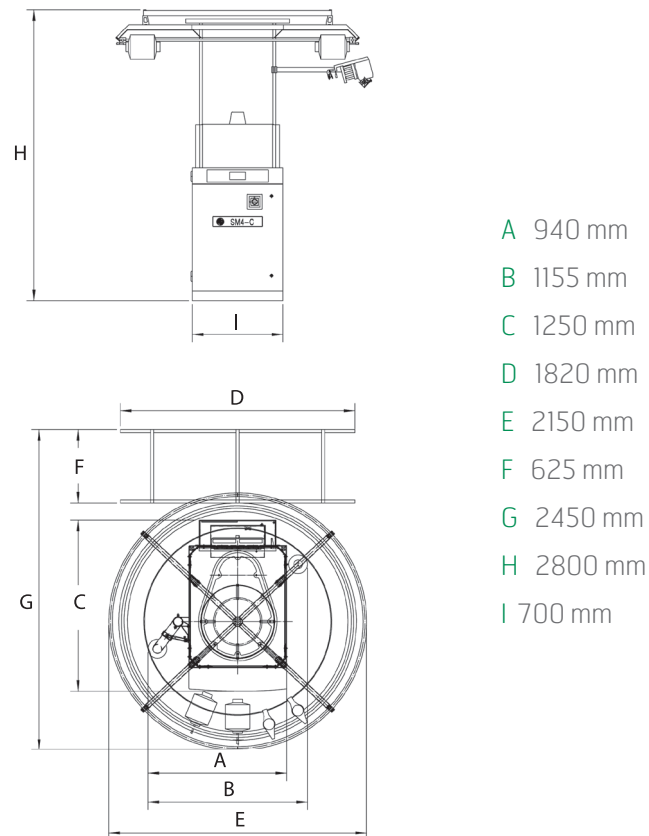
PRODUCTION

SEAMLESS-WEAR, UNDERWEAR, OUTERWEAR, SWIMWEAR, SPORTSWEAR (possibility to use a wide range of yarns).

NORMATIVE

The machine meets the CE normative.

TECHNICAL DRAWING AND SIZE



DISCLAIMER:

Technical data given in this brochure are for information only. Santoni S.p.A. reserves the right to modify the machine features without forewarning and without the obligation to apply any modification to the machines already installed. Pictures are exemplifying and have not to be regarded as a reference.



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