

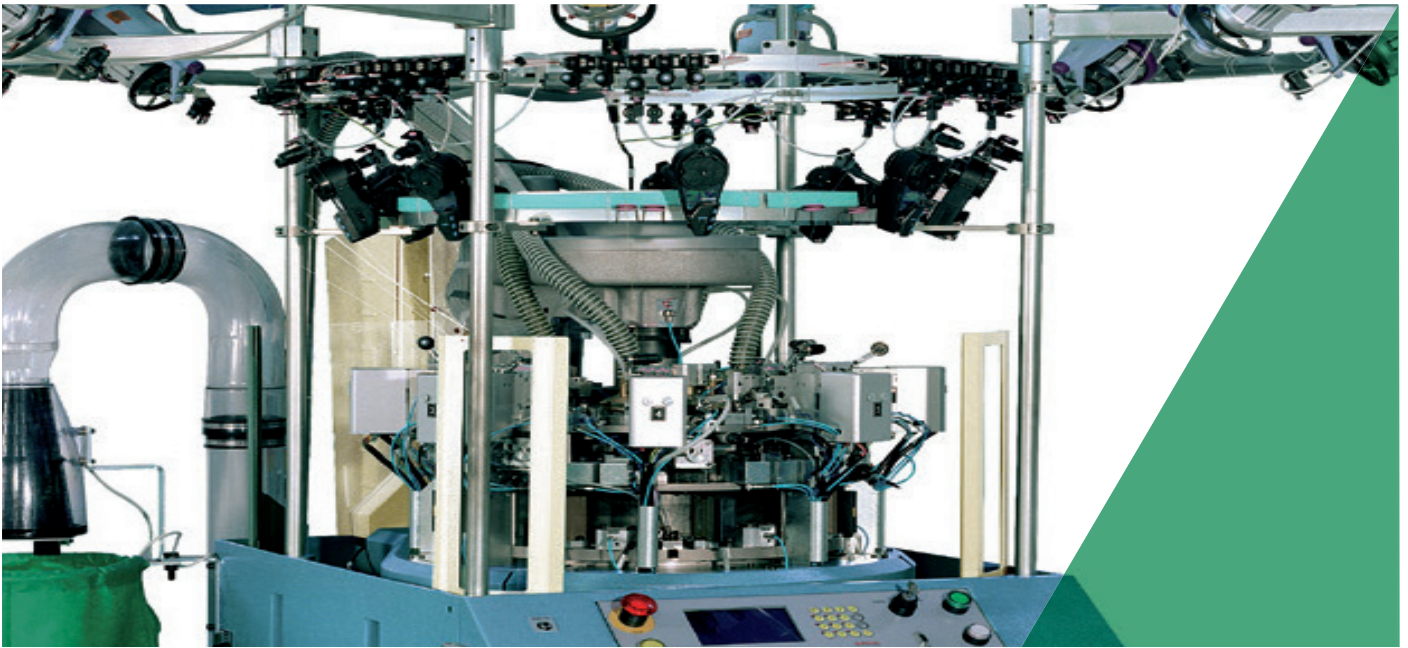
# SEAMLESS TECHNOLOGY

ELECTRONIC SEAMLESSWEAR KNITTING MACHINE  
SM8-TOPIV-2A SINGLE JERSEY

# SEAMLESS TECHNOLOGY

## SM8-TOP1V-2A SINGLE JERSEY





## SEAMLESS TECHNOLOGY

### SM8-TOP1V-2A SINGLE JERSEY

Single Jersey electronical circular machine with 8 feeds with 2 points of selection needle by needle on each feed. For the production of single seamless garments for underwear, outerwear, beachwear, sportswear, sanitarywear with high productivity. Terry possibility on request. System patented by SANTONI that allows the realization on 8 feeds of patterns having an high definition and sharpness of the color.

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# SEAMLESS TECHNOLOGY

## SM8-TOP1V-2A SINGLE JERSEY

### TECHNICAL FEATURES

#### ● DIAMETERS

10" - 11"

#### ● MACHINE GAUGE

Npi 16 - 18 - 20 - 22 - 24 - 26 - 28 - 32 - 40

#### ● NEEDLES GAUGE

From gg 48 to gg 80.

#### ● NUMBER OF FEEDS

8 for any diameter.

#### ● MAXIMUM SPEED

From 10" diameter to 11" speed factor from 1300 (10" 130 rpm).

For E40 gg speed factor from 1100 (10" 110 rpm).

#### ● TYPE OF SELECTION

16 level actuators n° 2 per feed.

#### ● STRIPPING YARNFINGERS

N° 7 yarnfingers per feed (with yarnfingers 1, 2, 3 at three positions, yarnfingers 4, 5, 6 at four positions and yarnfinger 7 at six positions).

#### ● TRAPPER FOR BARE AND COVERED ELASTIC YARN

N° 2 on 1st, 3rd, 4th, 5th, 7th, 8th feed e n. 3 on 2nd and 6th. On request: possibility of increasing the number of trappers up to a maximum of three for each feed.

#### ● DIAL JACKS AND YARN CUTTER

Up and down dial movement by pneumatic control.

#### ● SUCTION SYSTEM

By 2 suction fans or central system. Take down tube Ø 150 mm. Ejection tube Ø 100 mm. Air limiting valve with electronic incremental programming.

#### ● STITCH CAMS

Stitch formation adjustment by step motors, independent on each feed, with possibility of loop widening, tightening and shading on the same course (Santoni patent). On board garment sizing, adjustable in both cms. and inches.

#### ● SINKER CUP

On request: sinker caps for terry fabric.

#### ● MAIN KNITTING POSSIBILITIES

Single or double welt carried on with jacks, in several selections, with knitted, floated or laid-in elastic yarn.

8 feeds on the same course: 3 technical ways, 2 technical ways plus floated pattern, sharp pattern, laid-in possibility on all feeds. Optional: n° 4 movable stitch cams to make 4 feed knitting possibilities with 4 selection points for each feed (3 technical ways plus color).

#### ● YARN FEEDERS

N° 8 yarn feeders LGL SANTONI ECOPOWER with serial connection enabling visualization on board display of yarn absorption, plus n° 10 B TSR ULTRAFEEDER with serial connection (2 of which used for elastic welts).

Optional: B TSR ULTRAFEEDER, DINEMA YOYO, LGL SPIN; LGL SANTONI ECOPOWER e/o ECOPOWER ATTIVO; MEMMINGER SFE - ELAN, B TSR ROLLING FEEDER.

#### ● YARN SENSORS

Optical serial sensors.

#### ● CREEL

Complete back creel.

Option: creel with pneumatic threading or closed creel for cotton yarn.

#### ● LUBRICATION

Pneumatic pump with oil recycle and independent management of oil between needles/sinkers and selectors.

#### ● CYLINDER ROTATION

Brushless motor and electronic handwheel for manual control.

## TECHNICAL FEATURES

### ● ELECTRONIC CONTROLLER

HIE (High Electronic Integration) with an integrated board for the serial checking of all exits, protected from short circuit. Available RAM memory 6 MB.

### ● MACHINE KEYBOARD

Color keyboard with monocromatic display backlighted.

### ● PROGRAMMING

Software Digraph 3 Plus including: Atlas, Quasar, Photon, Galois. The programs can be transferred to the machine by cable directly from the PC or by USB key.

### ● CONSUMPTION

Absorbed power: fans 4,1 kW (at 400V / 50Hz) or 5,1 kW (at 220V / 60Hz); motor 2,5 kW.  
Compressed air: 50 liters/min at 6 bar.

### ● WEIGHT

Approx. 680 / 830.

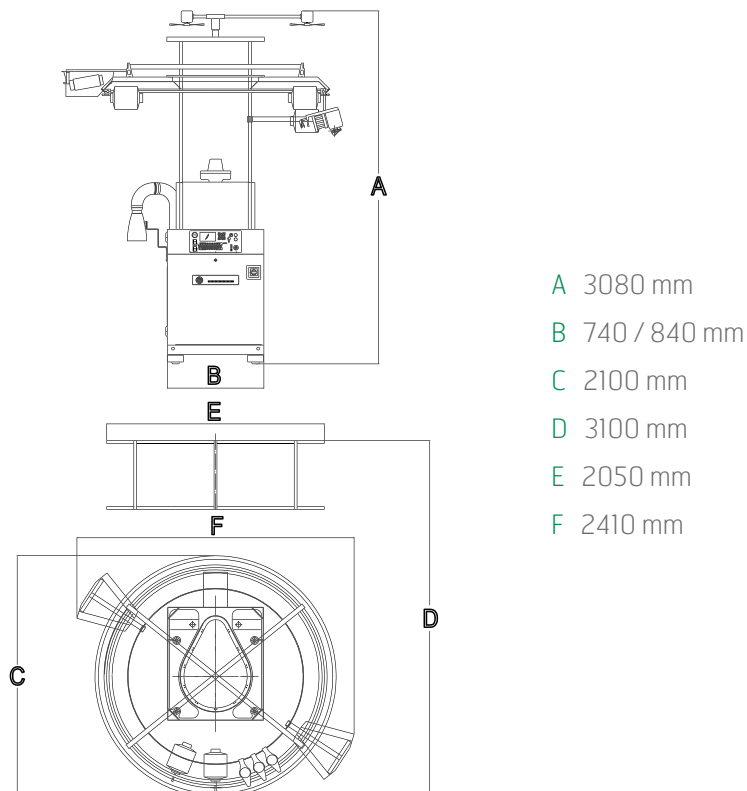
### ● PRODUCTION

SEAMLESS-WEAR, UNDERWEAR, OUTERWEAR, SWIMWEAR, SPORTSWEAR, SANITARY GARMENTS (possibility to use a wide range of yarns, bared and covered elastomer).

### ● NORMATIVE

The machine meets the CE normative and is UL compatible.

## 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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