

# LARGE DIAMETER

## CIRCULAR KNITTING MACHINE

### ZENIT 2.4 JE

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Single Jersey Electronic Jacquard with 3-way-technique suitable for the production of Single Jersey structured fabric with effects and Jacquard.

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The New Zenit 2.4 JE with 2.4 feeds per inch of diameter is the first jacquard machine with a piezo selection built in the cam boxes. Thanks to its revolutionary knitting-head design, the ZENIT 2.4 JE set a new standard in jacquard knitting. The cam box integrating the electronic selection and the reduced cylinder height allow an incredible user-friendly operation that simplify the machine settings, handling and maintenance. The compact design and the modern material utilized (like the special Ergal aluminum alloy of the cam boxes) enable a drastic reduction of the machine temperature, mechanical friction and consequent working noise. The ZENIT 2.4 JE shares most of the knitting elements (including the needles) with some other very popular SANTONI machines. The consumables parts are already available worldwide at competitive price compared with traditional jacquard machines. Each feed is fitted with 3-way-technique electronic needle selection by means of piezo-ceramic (built-in 144 light camboxes). The 3-way-technique allow to produce a wide range of stitches such as jacquard with 2 or more colours, jacquard with float, piquè and two thread fleece jacquard, drop stitches and very good plated fabric with elastomer. The special black zirconium yarn carrier guarantee a perfect plated fabric. Available with tubular as well as open width frame (standard and industrial) equipped with electric cutting unit and opening system by oblique rolls.



Diameter in inch	Gauge	Number of feeds
30"	18-32	72
34"	18-32	84

Standard equipment
Aluminum side creel
Micrometrical stitch adjustment
Automatic oiling system
Electronic motor drive (Inverter)
LFA - Yarn input measuring device
Piezo-ceramic selection system built in the camboxes.

Optionals
Lycra feeding units
Open width frame (26" - 32", 220 cm, above 34", 245 cm)
Lapping device system (tubular frame)
Industrial frame (both tubular and open width)
Open latch kit for drop-stitch designs
Designing software
Electronically controlled yarn feeding system

**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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