

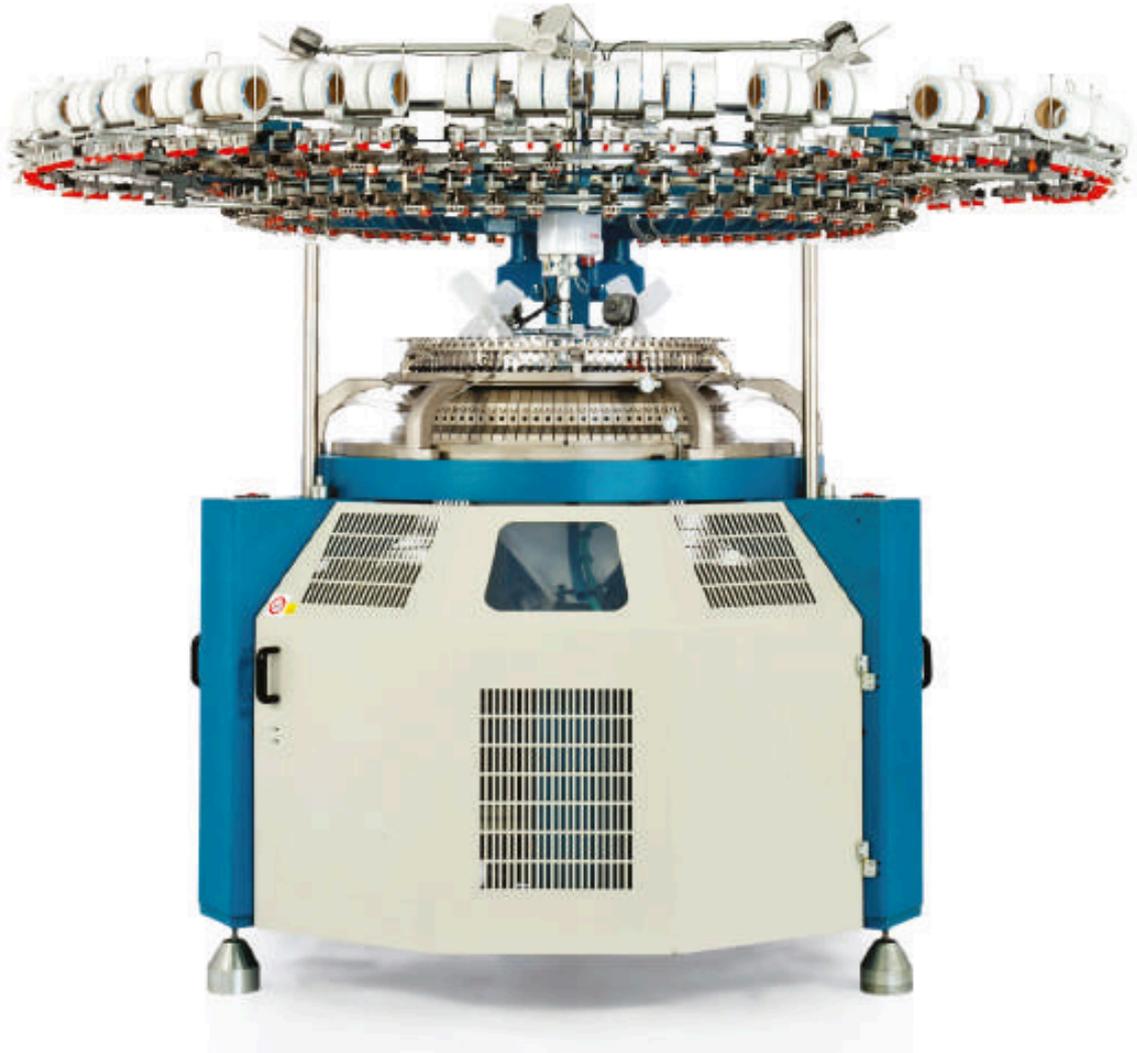
# LARGE DIAMETER

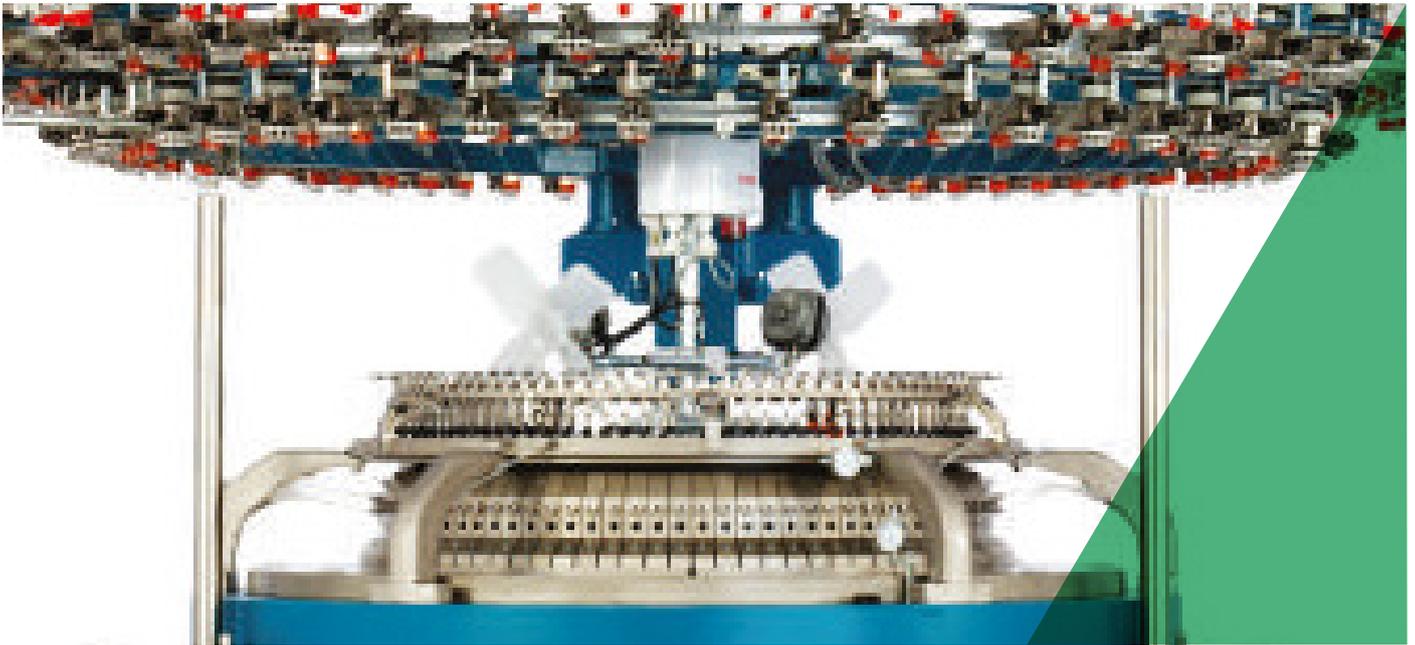
CIRCULAR KNITTING MACHINE

## ZENITHS

# LARGE DIAMETER

## ZENIT HS





# LARGE DIAMETER

## ZENIT HS

Single jersey four cam track machine.

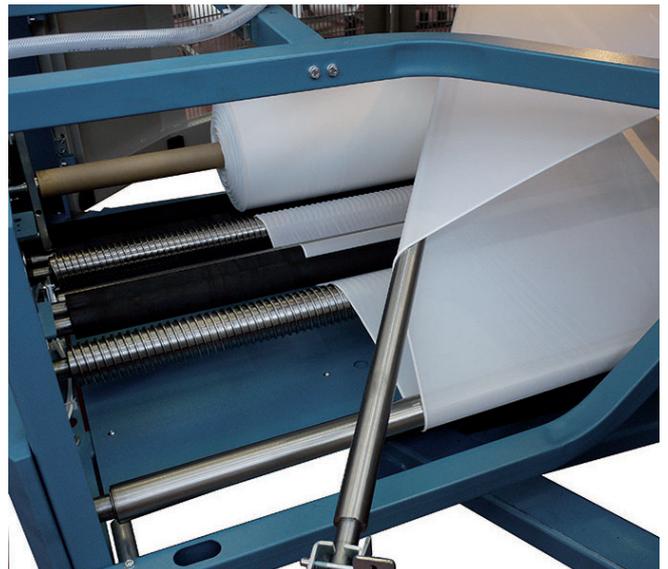
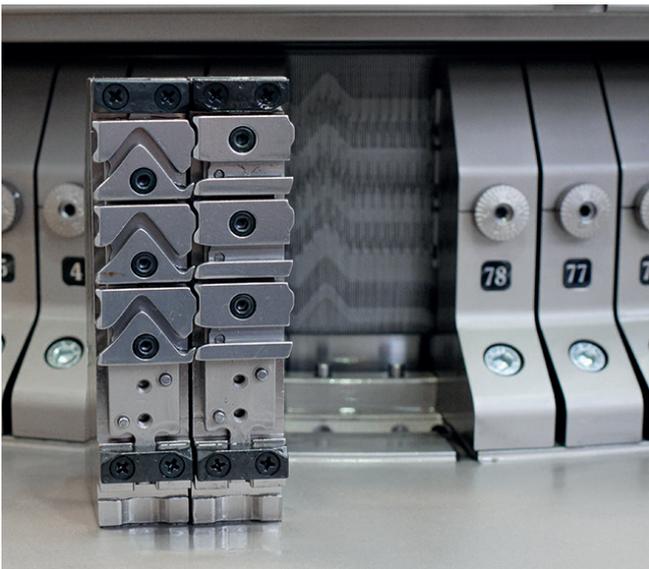
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# LARGE DIAMETER

## ZENIT HS

### ● ZENIT HS

- Single jersey machine with 3 feeders per diameter inch capable to knit up to 4 track structures, with/without lycra.
- Excellent to knit two or three yarn plaited fabrics.
- Double guidance sinker cams in combination with well designed sinkers with tail ensures uniform loops all over the fabric and less wear and tear of sinkers.
- Machine is equipped with economical and common needles easily available all over the world.
- Yarn carrier in front of the raised needles for a perfect plating at high speed.
- Individual cam shells made by special aluminum alloy (ergal) having a great heat dissipation property.
- Automatic positioning of the fabric take down for quick removal of fabric roll.
- Possibility to convert the machine for the production of three thread fleece.
- Available with tubular as well as Open width frame(standard and industrial)equipped with motorized slitting and opening system by oblique bars.
- Open version can easily be converted into tubular from by a simple operation.
- Very compact open frame for an easy access to the knitting head.



Diameter in inch	Gauge	Number of feeds	Maximum Speed (RPM)
26"	10 - 44	78	46
28"	10 - 44	84	43
30"	10 - 44	90	40
32"	10 - 44	96	38
34"	10 - 44	102	35
36"	10 - 44	108	33
38"	10 - 44	114	32
40"	10 - 44	120	30
42"	10 - 44	126	29

Frame	Fabric roll/MM	Fabric size/MM
Tubular standard	500	
Tubular industrial	780	+ 500
Tubular industrial	1080	+ 800
Open width standard	380	
Open width industrial	600	+ 300

Standard equipment
Aluminum side creel
Positive feeding units
Individual cam shells prepared to receive up to 4 cam tracks
Zirconium yarn guides suitable for three yarn plaiting
Automatic oiling system
Electronic motor drive(inverter)
LFA-Yarn input measuring device
Centralized stitch control
Electronic needles detector
Motorized slitting and fabric opening system (Open width)

Optionals
Lycra feeding units
Open width frame (26" - 32", 220cm - above 34", 245 cm)
Lapping device system(tubular frame)
Industrial frame(both tubular and open width)
Three thread fleece conversion kit (30"- 32"- 34"- 36")

Application area
Underwear, Sportswear, Swimwear, Medical Textiles

**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.

Santoni is recommending needles from  
**GROZ-BECKERT®**



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