

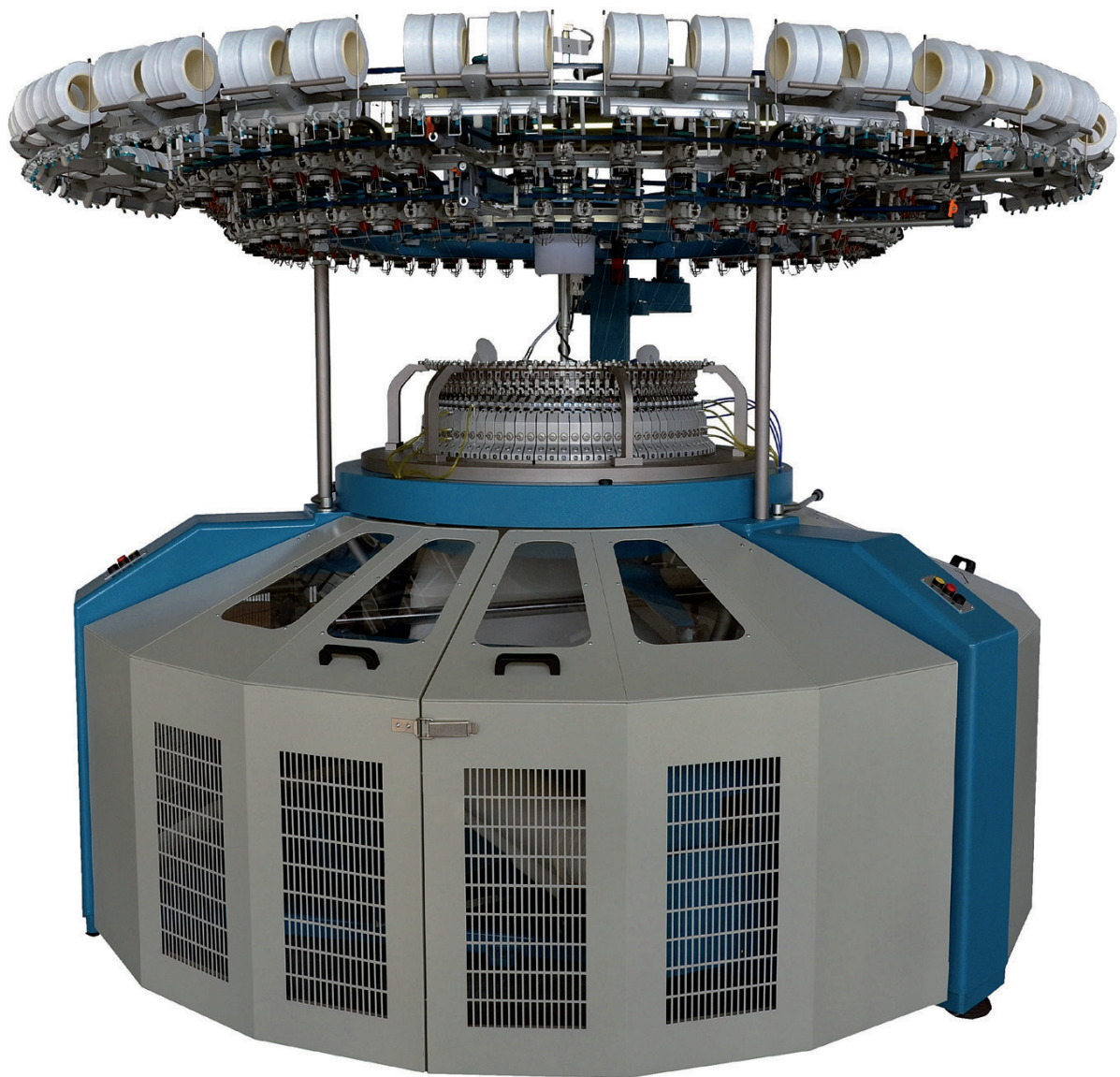
# LARGE DIAMETER

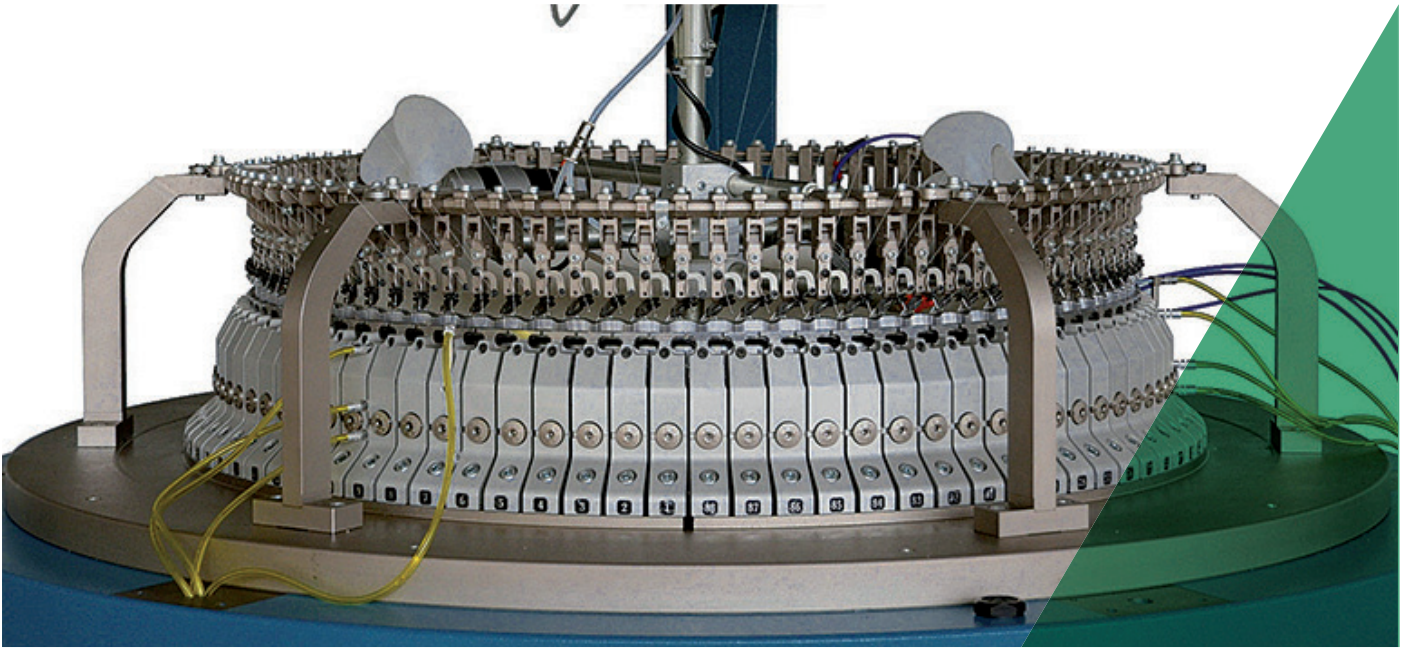
## CIRCULAR KNITTING MACHINE

### ATLAS HS

# LARGE DIAMETER

## ATLAS HS





# LARGE DIAMETER ATLAS HS

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Single Jersey High Speed Machine Without Sinkers.

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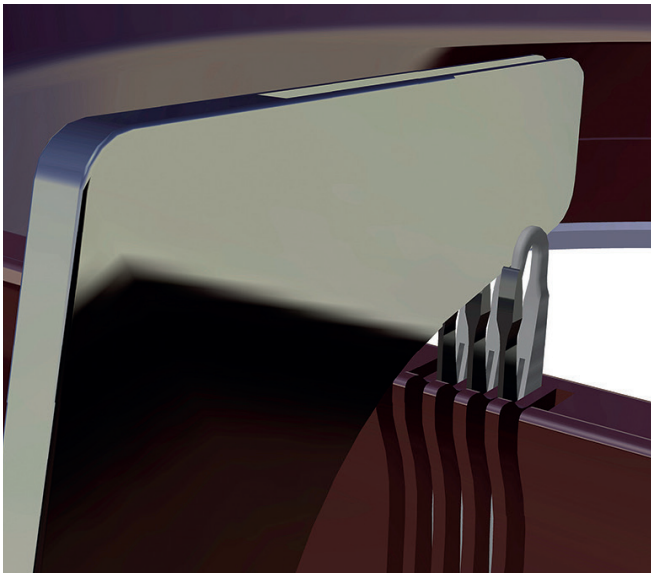
# LARGE DIAMETER

## ATLAS HS

### ATLAS HS

The single jersey fabric produced without sinkers, avoid the risk of any sinker lines in the fabric. It also avoids the distortion of loops created by the movement of sinkers. The technology allows to knit tighter loop lengths than what is possible with any single jersey machine with sinkers. The machine is equipped with special holding-down jacks (patented by Santoni) which helps in quick re-starting of the fabric, after a fabric press-off. Machine can receive up to 2 cam tracks on the cylinder. It is available with tubular as well as with open width frame. Stitch formation allows a closer stitch adjustment. Camboxes are very light, made out of a special aluminum alloy named “Ergal” having a great heat dissipation property. Ergal is capable to avoid dimensional changes due to the variation of temperature between the starting and the regular running of the machine. The yarn carrier head is made of Black Zirconium, it allows a better visibility of the elastomer. The yarn carrier is fixed to a ring for an easy setting.

The Atlas HS line technology with its reduced friction between the parts has allowed for distinct reduction in energy consumption.

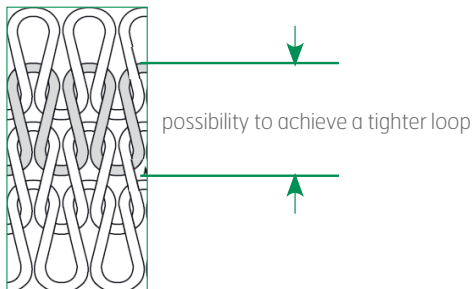


Diam.	GG / Fin.	Cad./Feed	Max r.p.m. "up to 28 gg"
26"	18 - 36	76	52
30"	18 - 36	88	45
32"	18 - 36	94	42
34"	18 - 36	100	40
36"	18 - 36	106	37

Open width frame		
Diam.	GG / Fin.	Frame Size cm / Bas .
30" - 32"	18 - 36	220
34"	18 - 36	220/245

Needles number								
Diam.	18 n.p.i.	20 n.p.i.	22 n.p.i.	24 n.p.i.	24 n.p.i.	28 n.p.i.	32 n.p.i.	36 n.p.i.
26"	1464	1608	1824	1932	1944	2280	2604	2928
30"	1692	1860	2100	2220	2256	2640	3000	3360
32"	1800	1980	2244	2364	2400	2808	3204	3576
34"	1920	2100	2388	2520	2544	2976	3396	3816
36"	2028	2232	2532	2664	2712	3168	3600	4056

Industrial frame - tubular	
Fabric roll/mm	Frame size/mm
600	-
780	+500
900	+500
1080	+800
Industrial frame - open width	
480	-
700	+300



Standard equipment
Positive feeding units
Automatic Oiler
Cams shells prepared to receive 2 cam tracks
Yarn input measuring device - Yarn feed stop motion, needle break detectors
Electronic Inverter
Aluminium side creel
Motorized slitting and fabric opening system by oblique bars (Vignoni patent) for open width frame

Optionals
Lycra Kit
Lycra feeding units
Electronic controlled take-down system
Open width frame
Basket with lapping device
Cams for piqué - Mock Interlock

#### 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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