

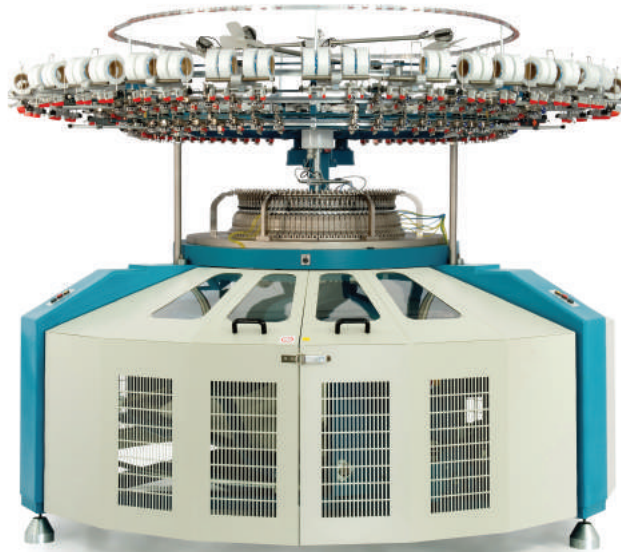


SANTONI™

ATLAS HS

SINGLE JERSEY MACHINE WITHOUT SINKERS

无沉降片的单面针织圆机



Transforming ideas into innovation
传递创新的理念

Superior fabric quality
完美的布面质量

Higher productivity
更高的生产效率

User friendly
更好的客户体验

ATLAS HS 简介



机器配置2跑道结构。
圣东尼专利握持片确保线圈脱套后，快速重新起头。
由于没有沉降片，无需沉降片与织针配合变化
无沉降片技术的优点（无沉降片和沉降片罩）：

- 没有导纱器位置变化产生的没有LYCRA漏针
- 即使使用不均匀或强力很弱的纱，例如：竹节纱或羊毛纱也无斑点。
- 可以得到比使用沉降片的圆机更少10%到15%的线圈长度。
- 织物拉伸后，比使用沉降片的圆机具有更高的恢复比率。
- 在编织时的应力和损耗更少。
- 无沉降片产生的针路。
- 大约减少15%能耗。
- 更长的织针寿命。

由于编织部件的摩擦力减少，而使速度可以更高。
导纱嘴位于起来工作的织针前，即使在高速状态下，亦可完美垫纱。

独立三角座由特殊铝合金 (Ergal) 制成，具有超强散热功能。
牵拉装置的自动定位使落布卷更加快捷。
可以更换为装有马达控制裁剪开幅刀和斜向导布辊 (Vignoni 专利) 开幅机架 (标准款和大卷装款)。
只需简单操作即可将开幅机架换为圆筒机架。
非常紧凑的开幅机架，便于进入编织区域。

ATLAS HS BRIEF



Machine can produce up to 2 cam track structures.
Holding-down jacks (Santoni Patent) ensures quick re-start of fabric after press-off.

No change in sinker timing required due to the absence of sinkers.

Advantage of sinker less technology (absence of sinkers and sinker cap):

- Zero lycra miss plating due to no major change in yarn guide position.
- Defect free fabric even while knitting uneven or weaker yarns, e.g. slub yarns or wool.
- Possibility to achieve 10% to 15% tighter loop lengths than any machine with sinkers.
- Recovery after stretch, percentage much higher, compared to fabrics knitted on machines with sinkers.
- Less strain and abrasion on yarns while knitting.
- No sinker lines.
- Lesser power consumption by about 15%.
- Longer needles life.
- Higher speed thanks to reduced friction of knitting elements.

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.

Available with tubular as well as Open width frame (standard and industrial) equipped with motorized slitting and opening system by oblique bars (Vignoni patent).

Open version can easily be converted into tubular form by a simple operation.

Very compact open frame for an easy access to the knitting head.

ATLAS HS

 **SANTONI™** 推荐的织针为 **GROZ-BECKERT®**
is recommending needles from



SANTONI™

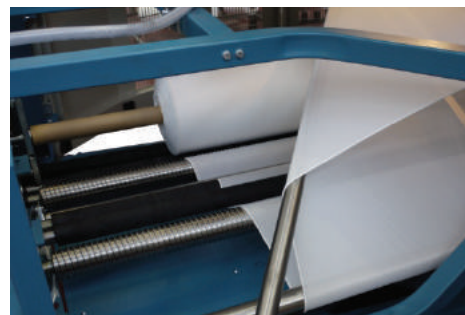
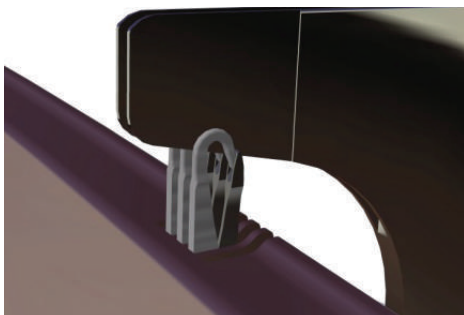
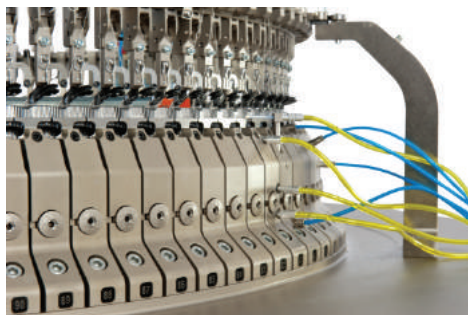
筒径	26	30	32	34	36	Diameter in inch	26	30	32	34	36
针距	18 - 36					Gauge	18 - 36				
路数	76	88	94	100	106	No of feeders	76	88	94	100	106
最高转速	48	45	42	39	36	Max speed (RPM)	48	45	42	39	36

		布卷/毫米	机架尺寸/毫米			Fabric roll/MM	Frame size/MM
机架	标准圆筒机架	500		Frame	Tubular standard	500	
	大卷装圆筒机架	780	+ 500		Tubular industrial	780	+ 500
	大卷装圆筒机架	1080	+ 800		Tubular industrial	1080	+ 800
	标准开幅机架	380			Open width standard	380	
	大卷装开幅机架	600	+ 300		Open width industrial	600	+ 300

标准配置	<ul style="list-style-type: none"> - 侧纱架 - 积极送纱器 - 独立的三角座·可安装4跑道三角 - 上翻式黑锆陶瓷导纱嘴用于2根和3根添纱织物 - 细微线长调节 - 自动加油系统 - 电动马达驱动(变频器) - LFA线长测量装置 - 电子探针器 - 马达控制裁剪开幅刀和斜向导布辊(开幅机架) 	Standard Equipment	<ul style="list-style-type: none"> - Aluminum side creel - Positive feeding units - Individual cam shells prepared to receive up to 4 cam tracks - Flip-up Zirconium yarn carrier for two and three yarn plating - Micrometrical stitch adjustment - Automatic oiling system - Electronic motor drive (inverter) - LFA - Yarn input measuring device - Electronic needles detector - Motorized slitting and fabric opening system (Open width)
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选配件	<ul style="list-style-type: none"> - 裸氨纶送纱器 - 开幅机架(26" - 32"·220厘米; 34"以上·245厘米) - 摆布装置(圆筒机架) - 大卷装机架(圆筒和开幅) - 单珠地·假棉毛三角 	Optional	<ul style="list-style-type: none"> - 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) - Cams for pique' - Mock Interlock
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产品应用	内衣·运动衣·泳衣·医疗用布·工艺用布	Application area	Underwear, Sportswear, Swimwear, Medical Textiles, Technical Textiles
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