

Ultra™ SCS

ULTRA™ IS A MODULAR HOT MELT APPLICATOR PLATFORM, DESIGNED FOR PRECISE ADHESIVE DEPOSITION AT HIGHEST LINE SPEEDS. THE ADVANCED ULTRA™ SCS NOZZLE TECHNOLOGY DELIVERS PRECISE ADHESIVE DEPOSITION WITH EXCEPTIONALLY-LOW VARIABILITY FOR ELASTICIZED LEGS, LEG CUFFS AND WAIST BANDS RESULTING IN INCREASED LINE SPEED, REDUCED ADHESIVE CONSUMPTION AND BETTER CONSISTENCY IN PATTERNS.

HIGH-SPEED

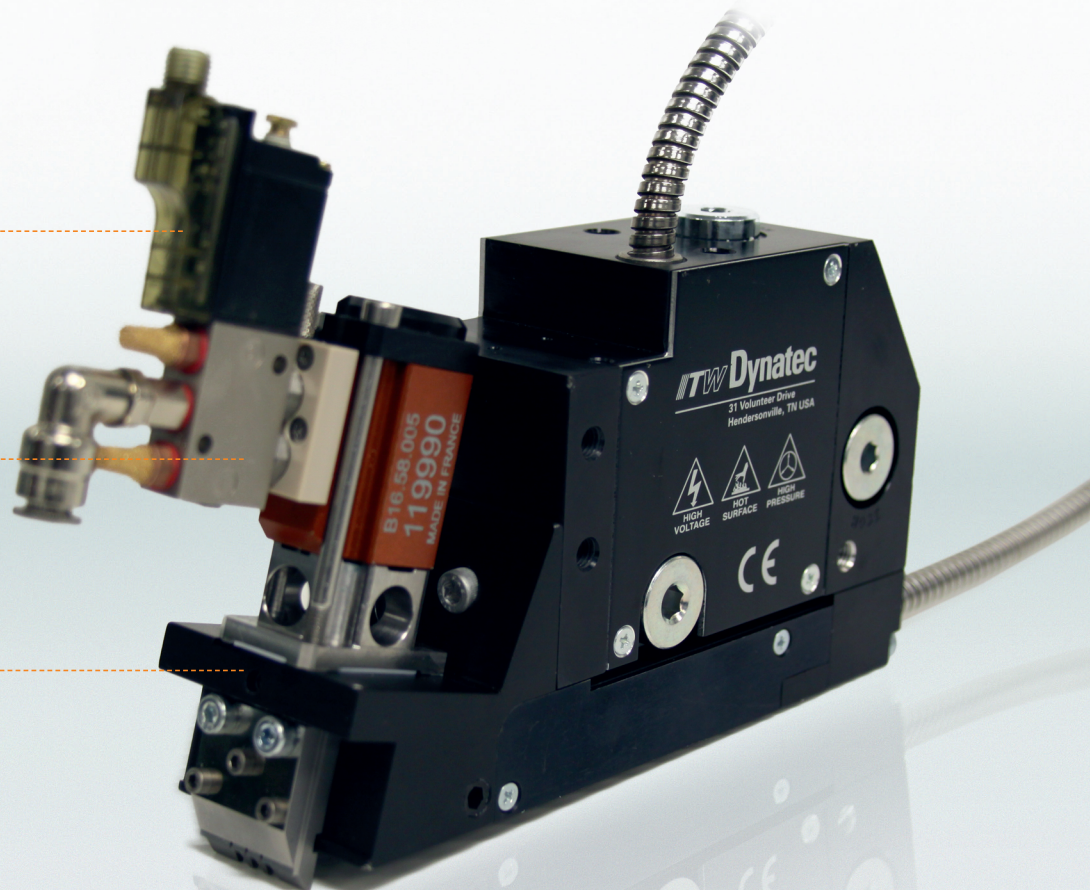
Next-level high-speed technology, up to 1,400 pads per minute.

EFFICIENCY

Patent-pending design allows quicker maintenance, less plugging and higher line efficiency.

PERFORMANCE

With the lowest adhesive use available, providing best creep performance, improved contraction forces and softness.



ULTRA™ SCS STRAND COATING SYSTEM

Specifically designed to advance results in the disposable hygiene market, Ultra™ SCS strand coating applicators coat elastic strands with hot melt adhesive with a patent-pending design that provides the industry's most accurate and efficient adhesive coating. Efficiency is at the heart of the design, which delivers next-level high-speed technology as well as Rapid Change-Over for quick maintenance, integrated hardened steel elastic strand guides for extended lifespan and large adhesive orifices for less plugging and minimal downtime. Ultra™-Stitch and Ultra™-Touch nozzles not only offer a wide operating window within a range of process conditions, but also support applications using a broad variety of elastic and adhesive materials. With the lowest adhesive usage available, the Ultra™ SCS also provides a total creep strength as low as 1 percent.

FEATURES

- Next level high-speed technology (up to 700 MPM)
- Rapid Change-Over (RCO) design for quicker maintenance
- Ultra™-Stitch and Ultra™-Touch nozzle designs to meet multiple requirements
- Integrated hardened steel elastic strand guides for extended lifespan
- Larger adhesive orifices for less plugging and higher line efficiency
- Optimized module technology for faster response and longer cycle life
- The lowest usage of adhesive available with total creep strength down to 1 % (even as low as 15 mg/linear meter/strand).

TECHNICAL DATA

System	1-port	2-port	3-port	4-port	6-port	8-port
Operating temperature range	25° to 200°C (77° to 392°F)					
Viscosity range	100-30,000 mPas, 100-30,000 cps					
Warm-Up time	15 minutes for cold start, or 5 minutes for module change					
Wattage manifold	450 W	450 W	625 W	800 W	1200 W	1600 W
Min. Off cycle time	3 ms					
Min. On cycle time	3 ms					
Pneumatic pressure range to solenoid	4.5-5.5 bar (65-80 psi)					
Supply voltage setup	200-240 V, 1 Phase, 50-60 Hz					
Adhesive pressure range	68 bar (1,000 psi) maximum					
Mounting interface	2 x M8-1.25 tapped holes	2 x M8-1.25 tapped holes	2 x M8-1.25 tapped holes	2 x M8-1.25 tapped holes	4 x M8-1.25 tapped holes	4 x M8-1.25 tapped holes
Height	146 mm (5.75 in)	146 mm (5.75 in)	146 mm (5.75 in)	146 mm (5.75 in)	146 mm (5.75 in)	146 mm (5.75 in)
Depth	235 mm (9.25 in)	235 mm (9.25 in)	235 mm (9.25 in)	235 mm (9.25 in)	235 mm (9.25 in)	235 mm (9.25 in)
Width	50 mm (1.97 in)	50 mm (1.97 in)	75 mm (2.95 in)	100 mm (3.94 in)	150 mm (5.90 in)	200 mm (7.88 in)
Application air pressure range	0-4 bar (0-60 psi)					
Typical air flow per nozzle	1,020 nl/h, 0.6 SCFM (Omega), 1,700 nl/h, 1.0 SCFM (UFD)					
Application width per nozzle	3-25 mm					

LOCATIONS

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