



ARISTOMAT SL

Universal Cutter for the demands of modern production

ARISTO precision cutters, precise and powerful, have for decades been a success in many industrial fields in the processing of different materials. Distinctive characteristics are:

- precision
- high throughput
- reliability
- fair cost/performance ratio

Whether films, reflective vinyls, traffic and advertising signs, foam plastics, laminates, technical fabrics, paperboard, wood, hardboards, non-ferrous metals or others, the cutters of the ARISTOMAT Series SL offer the optimal solution for your cutting application, with their multitude of custom-designed tool heads and tools.



Multifunctional tool heads

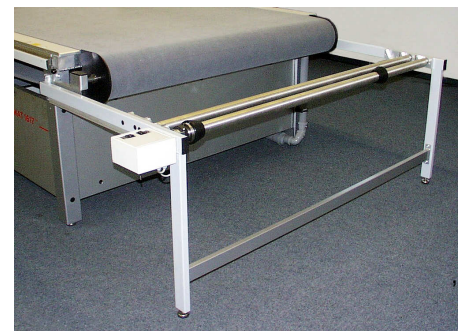
A wide assortment of differing single- and multi-tool heads with tangentially controlled tool fittings and a Routing Device, enables the processing of the most differing materials.

All tool heads are equipped as standard with a precision laser pointer for exact positioning and measuring of the material.



Material transport

For processing automation, many accessories are available on option,



such as a high-performance vacuum conveyor, manual and motorized winding and unwinding equipment for light and heavy weight material rolls.



Specifications ARISTOMAT SL

ARISTOMAT	Outer dimensions ^① WxLxH mm (inch)	Max. Work area ^② WxL mm (inch)
SL 1310	2110 x 1710 x 1140 (83 x 67 x 45)	1300 x 950 (51 x 37)
SL 1310 Conveyor	2110 x 2005 x 1140 (83 x 79 x 45)	1250 x 950 (49 x 37)
SL 1317	2110 x 2580 x 1140 (83 x 102 x 45)	1300 x 1700 (51 x 67)
SL 1317 Conveyor	2110 x 2875 x 1140 (83 x 113 x 45)	1250 x 1700 (49 x 67)
SL 1617	2410 x 2580 x 1140 (95 x 102 x 45)	1600 x 1700 (63 x 67)
SL 1617 Conveyor	2410 x 2875 x 1140 (95 x 113 x 45)	1550 x 1700 (51 x 67)
SL 1625	2410 x 3365 x 1140 (95 x 132 x 45)	1600 x 2450 (63 x 96)
SL 1625 Conveyor	2410 x 3660 x 1140 (95 x 144 x 45)	1550 x 2450 (51 x 96)
Speed^③	1.4 m/s (55 in/sec) adjustable via menu or software	
Acceleration^③	1.1 G, adjustable via menu or software	
Suitable for material thickness	max. 35 mm, depending on the tool head and protective underlay	
Static repeatability	± 0.02 mm/m @20 degrees centigrade	
Control circuit and drives	Digital servo motors	
Data format	HPGL compatible, with extended command set	
Interface	Serial RS 232C/V.24; D-Sub, 25 pin	
Input buffer	400 KB with repeat function	
Vacuum	13xx 1.5 kW, 3.0 kW or 5.5 kW pump systems 16xx 3.0 kW or 5.5 kW pump systems format-, strip- or matrix vacuum zones; adjustable manually	
Power supply	1.5 kW pump system 230 V, 50/60 Hz, 16 A from 3 kW pump system 3-phase fixed connection, 400 V, 50 Hz or 460 V, 60 Hz; 16 A with a 3 kW pump system and 20 A with a 5.5 kW pump system	
Operating	Integrated console with function keys and multi-line display. Multilingual: English, German, French, Italian, Spanish.	
Ambient conditions	operating temperatur +10°C up to +30°C 50°F up to 86°F storage temperatur -15°C up to +45°C 5°F up to 113°F rel. humidity 40 - 80% non-condensing	
Safety / Certification	CE-label; Emergency stop; Light barrier; Collision shut-off	

① The dimensions only refer to the basic machines without tool head or other options.

② Work area for one tool.

③ Depending on the tool head.

Options

- Manual and motorized wind up and unwinding devices for light and heavy weight material rolls
- Conveyor system for feeding and removing material
- Various heads tool for the processing of various materials



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