

ARISTOMAT SL - Universal Cutter for the demands of modern production

ARISTO 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, paper-board, 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.

This variety of possibilities for material

processing can be supplemented with the automatic measuring system *AutomaticEye* and the providing of data via mobile barcode reader. All tool heads are equipped as standard with a precision laser pointer for exact positioning and measuring of the material.





Specifications ARISTOMAT SL

ARISTOMAT	Travels ¹⁾ (WxL) mm (inch)	Outer dimensions ²⁾ (WxLxH) mm (inch)	Speed ³⁾ adjustable via software	Acceleration ³⁾
SL 1310	1300 x 950 (51 x 37)	2110 x 1710 x 1140 (83 x 67 x 45)	max. 1.40 m/s (55 in/sec)	max. 1.1 G
SL 1310C ⁴⁾	1250 x 950 (49 x 37)	2110 x 2005 x 1140 (83 x 79 x 45)	max. 1.40 m/s (55 in/sec)	max. 1.1 G
SL 1317	1300 x 1700 (51 x 67)	2110 x 2580 x 1140 (83 x 102 x 45)	max. 1.40 m/s (55 in/sec)	max. 1.1 G
SL 1317C ⁴⁾	1250 x 1700 (49 x 67)	2110 x 2875 x 1140 (83 x 113 x 45)	max. 1.40 m/s (55 in/sec)	max. 1.1 G
SL 1617	1600 x 1700 (63 x 67)	2410 x 2580 x 1140 (95 x 102 x 45)	max. 1.40 m/s (55 in/sec)	max. 1.1 G
SL 1617C ⁴⁾	1550 x 1700 (61 x 67)	2410 x 2875 x 1140 (95 x 113 x 45)	max. 1.40 m/s (55 in/sec)	max. 1.1 G
SL 1625	1600 x 2450 (63 x 96)	2410 x 3365 x 1140 (95 x 132 x 45)	max. 1.40 m/s (55 in/sec)	max. 1.1 G
SL 1625C ⁴⁾	1550 x 2450 (61 x 96)	2410 x 3660 x 1140 (95 x 144 x 45)	max. 1.40 m/s (55 in/sec)	max. 1.1 G

Material clearance thickness	max. 35 mm (max. 1.38 inch) depending on the tool head and protective underlay
Input buffer	400 KB with repeat function
Static repeatability	± 0.02 mm/m @ 20° C
Control circuit and drives	Digital servo motors
Data format	HPGL compatible, with extended command set
Data interface	Serial RS 232 C/V.24
Vacuum	Adjustable vacuum zones
Power supply³⁾	230 V, 50/60 Hz or 3-phase fixed connection, 400V, 50Hz
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

Options

- ✓ Various tool heads.
- ✓ Intelligent camera system *AutomaticEye* for accurate assignment and scaling of prints.
- ✓ Mobile *BarcodeReader* for automatic assignment of cutting data.
- ✓ Operating via ARISTO control software for Windows Version 7, 8, 10 (32 bit / 64 bit)
Various selectable languages. Mobile control pad.
- ✓ Motorized and manually winding and unwinding devices for roll materials.
- ✓ Material clamp system.

- 1) Complies with the max. work area for one tool. Further tools reduce the max. work width.
- 2) The dimensions only refer to the basic machine.
- 3) Depending on the cutter size, cutter configuration and tool head.
- 4) Conveyor machines