

## 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.

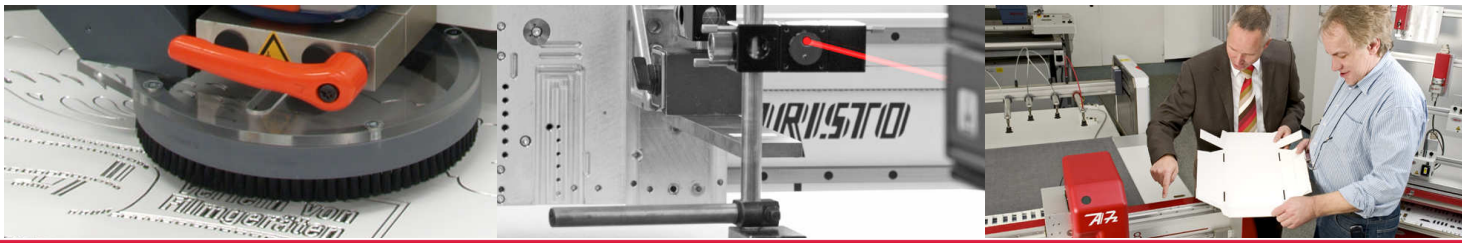
### Multifunctional tool heads

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.

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



150 YEARS  
TRADITIONALLY  
INNOVATIVE



## Specifications ARISTOMAT SL

ARISTOMAT	Travels <sup>1)</sup> (WxL) mm (inch)	Outer dimensions <sup>2)</sup> (WxLxH) mm (inch)	Speed <sup>3)</sup> adjustable via software	Acceleration <sup>3)</sup>
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 <sup>4)</sup>	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 <sup>4)</sup>	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 <sup>4)</sup>	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 <sup>4)</sup>	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

<b>Material clearance thickness</b>	max. 35 mm (max. 1.38 in) depending on the tool head and protective underlay
<b>Input buffer</b>	400 KB with repeat function
<b>Static repeatability</b>	± 0.02 mm/m (0.008 in) @20 degrees centigrade
<b>Control circuit and drives</b>	Digital servo motors
<b>Data format</b>	HPGL compatible, with extended command set
<b>Data interface</b>	Serial RS 232 C/V.24
<b>Vacuum</b>	Adjustable vacuum zones
<b>Power supply<sup>3)</sup></b>	230 V, 50/60 Hz or 3-phase fixed connection, 400V, 50Hz
<b>Operating</b>	Integrated console with function keys and multi-line display. Multilingual: English, German, French, Italian, Spanish.
<b>Ambient conditions</b>	
<b>operating temperatur</b>	+10°C up to +30°C    50°F up to 86°F
<b>storage temperatur</b>	-15°C up to +45°C    5°F up to 113°F
<b>rel. humidity</b>	40 - 80% non-condensing
<b>Safety / Certification</b>	CE-label; Emergency stop; Light barrier; Collision shut-off

## Options

- ✓ Various tool heads
- ✓ Motorized and manually winding and unwinding devices for roll materials
- ✓ Material clamp system

- 1) Complies to 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

