

ARISTOMAT SL

Universal Cutter for the needs of modern production.

High precision, high throughput, robust mechanics, outstanding material fixation with the matrix-vacuum-system, a multitude of toolheads and option for material handling at a fair cost/performance ratio: these are the prominent features of the **ARISTOMAT SL-Cutter**.

Whether gaskets, cardboards, foils, foam rubbers, laminates, engineering textiles, 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.



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.

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

All tool tools are in series equipped with a precision laser pointer for exact positioning and measuring of the material.

To get quick and accurate cutting results of printed pattern, ARISTO offers the intelligent camera system **Automatic Eye**. It compensates for misalignment, distortion and material growth or shrinkage.



Specifications ARISTOMAT SL

	SL 1310	SL 1317	SL 1617	SL 1625
Outer dimensions (WxLxH)* mm	2110 x 1710 x 1140	2110 x 2580 x 1140	2410 x 2580 x 1140	2410 x 3365 x 1140
Max. Work area** (WxL) mm	1300 x 950	1300 x 1700	1600 x 1700	1600 x 2450
	SL 1310 Conveyor	SL 1317 Conveyor	SL 1617 Conveyor	SL 1625 Conveyor
Outer dimensions (WxLxH)* mm	2110 x 2005 x 1140	2110 x 2875 x 1140	2410 x 2875 x 1140	2410 x 3660 x 1140
Max. Work area** (WxL) mm	1250 x 950	1250 x 1700	1550 x 1700	1550 x 2450
Speed	max. 1400 mm/s, adjustable via menu or software			
Acceleration	max. 1.1 G, adjustable via menu or software			
Suitable for material thickness	max. 35 mm			
Static repeatability	± 0.02 mm			
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	1.1 kW, 3.0 kW and 5.5 kW pump systems format-, strip- or matrix vacuum zones; adjustable manually			
Voltage	230 V, 50/60 Hz, 16 A with a 1.1 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 kW pump system			
Operating	Integrated console with function keys and multi-line display. Multilingual: English, German, French, Italian, Spanish.			
Safety / Certification	CE-label; Emergency stop; Light barrier; Collision shut-off			

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

** Work area for one tool.

Options

- Manual and motorized wind up and unwinding devices for light and heavy weight material rolls.
- *InfraCrease™* system for creasing plastics material.
- Intelligent camera system *Automatic Eye* for the exact cutting of printed patterns.

ARISTO

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