



# ARISTOMAT TL

## High Speed Cutter of the new Generation

With the presentation of the ARISTOMAT TL, ARISTO sets even higher standards on automatic production of flat gasket materials.

### Newly designed cutting table

It impresses with its clear design and concentration on the essentials: a work surface which is accessible from all sides, extremely robust crossbar with minimal overhang at the sides. At the same time the modern technologies remain unseen: strong AC-servomotors enable high through-put and the revolutionary CAN-Bus-steering technology reduces the number of mechanical parts.

### Powerful vacuum technique

The flawless vacuum technique with matrix zones, holds even small remaining bits of material firmly on the work surface.

### Simple operating

The *CutterControlPanel* Software offers totally new possibilities of user guidance. The user has all information on cutting data on the PC-screen and controls all processing functions comfortably by mouse-click.



Essential functions such as manual control or setting of origin can be carried out from any point of the cutter by means of a mobile control pad.



### Material transport

To automate the processing, the machines can be supplemented with a revolving conveyor, a powered unwinding device for continual material transportation of roll materials and a sheet feeder system - for automatic loading of sheet materials from a stack.



### Multi-functional tool heads

for oscillating cutting, fixed cutting, scratching, creasing, marking...without having to carry out a tool change..

With up to three tangentially-steered tool axis and one or two marking modules to hold various pens, the MultiHead IV offers all of this.

This variety of possibilities for material processing can be supplemented with an integrated colour camera for the automatic

measuring system Automatic Eye and the combination of a high-frequency routing spindle with a controlled z-axis.



So can, for example, a printed material panel be measured by the Automatic Eye system and subsequently cut out exactly on the outlines.



## Specifications ARISTOMAT TL

ARISTOMAT	Outer dimensions <sup>①</sup> (WxLxH) mm	Max. Work area <sup>②</sup> (WxL) mm	Speed <sup>③</sup> adjustable via software <i>CutterControlPanel</i>	Acceleration <sup>③</sup>
TL 1310-8	1920 x 1760 x 1140	1300 x 1000	max. 1130 mm/s	max. 11.3 m/s <sup>2</sup>
TL 1310-8 Conveyor	1920 x 2140 x 1140	1220 x 1000	max. 1130 mm/s	max. 11.3 m/s <sup>2</sup>
TL 1617-8	2220 x 2420 x 1140	1600 x 1700	max. 1130 mm/s	max. 11.3 m/s <sup>2</sup>
TL 1617-8 Conveyor	2220 x 2800 x 1140	1520 x 1700	max. 1130 mm/s	max. 11.3 m/s <sup>2</sup>
TL 1625-8	2220 x 3220 x 1140	1600 x 2500	max. 1130 mm/s	max. 11.3 m/s <sup>2</sup>
TL 1625-8 Conveyor	2220 x 3600 x 1140	1520 x 2500	max. 1130 mm/s	max. 11.3 m/s <sup>2</sup>

<b>Input buffer</b>	PC controlled
<b>Suitable for material thickness</b>	max. 46 mm
<b>Static repeatability</b>	± 0.02 mm
<b>Control circuit and drives</b>	Digital AC servo motors
<b>Data format</b>	HPGL compatible, with extended command set
<b>Vacuum</b>	
1310-8	1.1 kW, 3 kW or 5.5 kW pump system with adjustable matrix vacuum zones
1617-8	3 kW or 5.5 kW pump system with adjustable matrix vacuum zones
1625-8	5.5 kW or 2 x 5.5 kW pump system with adjustable matrix vacuum zones
<b>Voltage</b>	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 3 kW, 20 A with 5.5 kW or 32 A with 2x 5.5 pump system
<b>Interface</b>	RS 232C/V.24
<b>Operating</b>	Universal control software <i>CutterControlPanel</i> for Windows XP; multilingual: English, German, French, Italian, Polish, Dutch, Czech, other languages on request. Mobile control pad.
<b>Safety / Certification</b>	CE-label; Emergency stop; Light barrier; Collision shut-off

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

② Work area for one tool.

③ Available only in connection with relevant options and tool heads.

## Options

- Ultrasonics collision shut-off
- PC table
- Conveyor system
- Motorized unwinding device for roll materials
- Material clamp system
- SheetFeeder



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