ARISTO®
Forming Your Business

MultiHead V A5z - Automatic, up to 5 Tools, Z-Axis

The specially optimised tool head for the digital diecutting of flat gaskets. With an oscillating tangential blade and extremely powerful drive, you cut soft material gaskets, elastic gaskets and also metal-reinforced gaskets quickly and precisely.

Up to five already set tools, an integrated, controlled depth adjustment (Z-axis) and software-controlled pressure for each tool position provide the user with the possibility of executing varying process steps without further intervention.

Height sensor

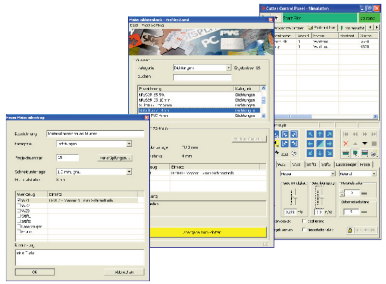
The table surface and material thickness are automatically recorded by a height sensor.

Controlled depth adjustment

A controlled depth adjustment enables the using of optimal process parameters. Very tough materials can so be depth controlled processed.

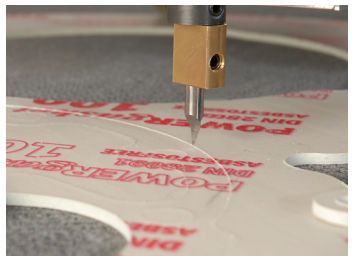
Process database

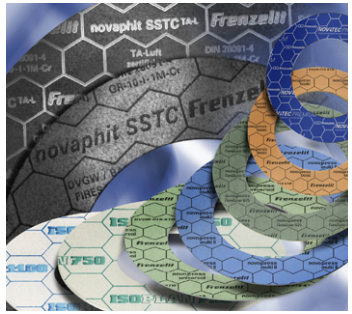
The efficiency is additionally increased by the access to the ARISTO database CutRecall. The setup for an already stored pro-cess is only a click away; the storing is carried out dialogue controlled after the process run. The setting up of new processes is shortened due to the database and the operating efficiency of the ARISTO Cutter is so consequently increased.



AutomaticEye

For the recognition of fiducials, the Multi-Head V can be fitted with the camera system AutomaticEye; this increases the level of automation and rounds off the performance.





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Specifications MultiHead A5z	
Controlled depth adjustment	Electronic controlled move to one or more process depths
Height sensor	Automatic table surface and material thickness recording
Cutting depth	Up to 38 mm (1.5 in)
Process database	Saving, searching and editing process parameters according to material type
Up to 5 Tools	
Tool 1	Electro-mechanical oscillating. For blades, tangentially controlled, lifting and lowering pneumatically, pressure 180 N, down holder up to 35 N, noise level approx. 73.5 dB(A)
Tool 2[1]	Marking device for pens (ball point refill, fibre tipped pen)
Tool 3[1]	2nd marking device for pens (the same as tool 4)
Tool 4	Integrated laser pointer as origin pointer, fitting-in assistant and for the simulation mode
Tool 5[1]	Integrated color camera for AutomaticEye system for identification of fiducial on printed materials
System requirements	ARISTOMAT of the series GL, TL or LFC ARISTO Software *CutterControlPanel*
Required compressed air	8 bar (116 PSI) regulated, pulse-free, water and oil-free

1. *Option*

Options

- ✓ AutomaticEye System
- ✓ Up to 2 marking devices

Choice of material

Soft material gaskets

- ✓ fibrous materials
- ✓ graphite-based materials

PTFE materials

- ✓ gasket paper

Elastic gaskets

- ✓ rubber materials
- ✓ rubber cork materials
- ✓ felt materials
- ✓ foam materials

Metal-reinforced gasket

- ✓ graphite-based materials
  with tanged- or expanded metal insert

and others

160 YEARS TRADITIONALLY INNOVATIVE