

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 process 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 System

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

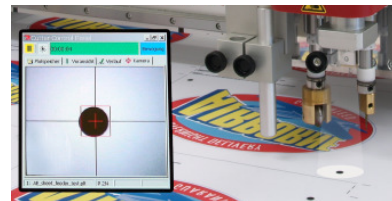
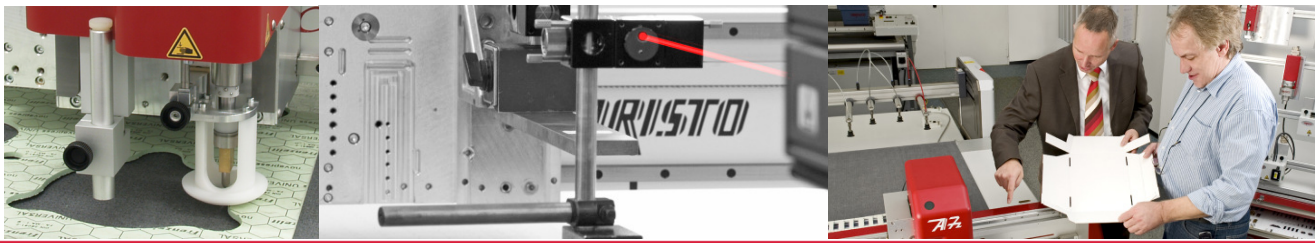


Fig.: MultiHead V A7z





Specifications *MultiHead V 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 |
| Required compressed air | 8 bar (116 PSI) regulated, pulse-free, water and oil-free |
| 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 2¹⁾ | Marking device for pens (ball point refill, fibre tipped pen) |
| Tool 3¹⁾ | 2 nd marking device for pens (the same as tool 2) |
| Tool 4 | Integrated laser pointer as origin pointer, fitting-in assistant and for the simulation mode |
| Tool 5¹⁾ | Integrated color camera for <i>AutomaticEye</i> system for indication of fiducials on printed materials |
| System requirements | ARISTOMAT of the serie GL, TL or LFC ARISTO software <i>CutterControlPanel</i> |

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

