

MultiHead OT.T.T.M.P. IV - Multifunctional tool head with 3 tool axis

This ARISTO tool head offers three tangentially controlled tool axis: one high-frequency oscillating and two fixed.

An integrated laser pointer guarantees the precise positioning of the origin and with the marking device the individual products are labelled.

All tools are computer-controlled. This enables aligning, cutting, creasing and marking without changing the tools, which increases the through-put and therefore also the profitability of this tool head.

A wide range of different materials can be processed, e.g. cardboard, corrugated cardboards, laminates, PUR-foam, printed blankets, coating plates and others up to a thickness of approx. 20 mm

AutomaticEye System

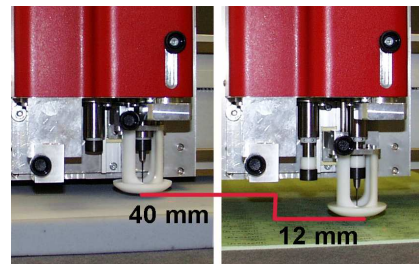
The intelligent camera system, integrated in the tool head for identification of fiducial on prints, allows quick and accurate cutting results of printed materials, even with misalignment and distortion.

Motorized stroke adjustment

A powered stroke adjustment increases the maximal material

thickness which can be processed to approx. 35 mm.

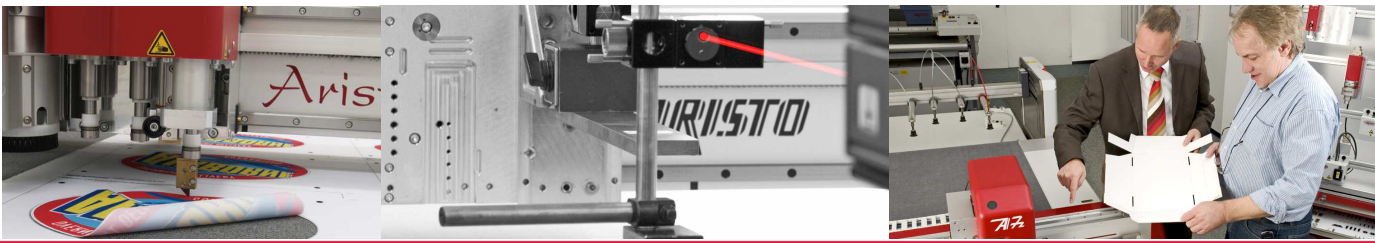
The tool stroke is infinitely variable between 12 - 40 mm. This way the stroke can always be optimally adjusted to suit the material thickness. This considerably reduces the waiting times, particularly when processing thin materials.



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.





Specifications *MultiHead OT.T.T.M.P IV*

Required compressed air	6 bar (87 PSI) regulated, pulse-free, water and oil-free
Up to 7 Tools	
Tool 1	Electrically oscillating for blades, tangentially controlled, lifting and lowering pneumatically, pressure 180 N oscillating lift 2 mm cutting depth up to 20 mm, with the motorized stroke adjustment up to 35 mm noise level approx. 73,5 dB(A)
Tool 2	Fixed for blades, punching blades, hole puncher or creasing wheels, tangentially controlled, lifting and lowering pneumatically; pressure adjustable depending on direction up to max. 180 N
Tool 3	The same as tool 2, but pressure max. 120 N
Tool 4¹⁾	Marking device for pens (ball point refill, fibre tipped pen)
Tool 5¹⁾	2 nd marking device for pens (the same as tool 4)
Tool 6	Integrated laser pointer as origin pointer, fitting-in assistant and for the simulation mode
Tool 7¹⁾	Integrated color camera for <i>AutomaticEye</i> system for indication of fiducials on printed materials
System requirements	ARISTOMAT of the series CL, GL, SL or TL

- 1) Option
- 2) Only in combination with an ARISTOMAT GL, SL and TL
- 3) Only in combination with an ARISTOMAT GL and TL

Options

- ✓ Motorized stroke adjustment²⁾
- ✓ Up to 2 marking devices
- ✓ *AutomaticEye* System³⁾
- ✓ Data base ARISTO *CutRecall*³⁾
- ✓ *InfraCrease+*³⁾

Choice of material

- ✓ cardboard
- ✓ corrugated cardboard up to 20 mm
- ✓ cartons
- ✓ laminates
- ✓ PUR-foam
- ✓ printing blankets
- ✓ coating plates
- ✓ preprinted vinyl films, reflective sheetings
- ✓ textile and technical fabrics
- ✓ soft, elastic and metal-reinforced gasket materials and others

