

MultiHead OT.T.T.M.P. IV

Multifunctional tool head with 3 tangentially controlled tool positions

This newly developed ARISTO tool head MultiHead OT.T.T.M.P. IV now offers three tangentially controlled tool axis: one high-frequency oscillating and two fixed.

An integrated laser pointer guarantees the precise positioning of the origin. With the standard marking device the individual products are labelled. A second marking device is optional.

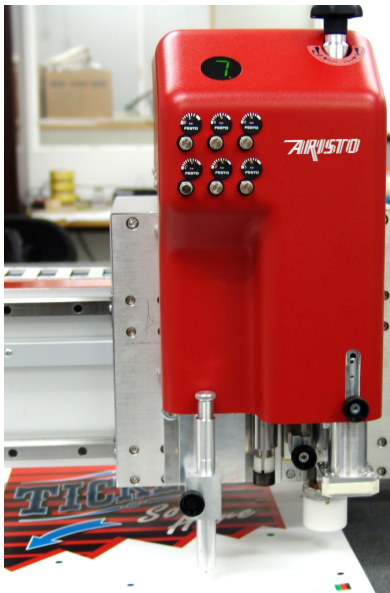
All tools are computer-controlled. This enables aligning, cutting, creasing and marking without changing the tools, which increases the through-put and therefore also the profitability of this tool head.

The new MultiHead OT.T.T.M.P. IV can be fitted with all available MultiHead tools for processing manifold different materials, e.g. cardboard, corrugated cardboards, laminates, PUR-foam, printed blankets, coating plates and others up to a thickness of approx. 20 mm.



Optional additions for ARISTOMAT series TL and GL

Integrated color camera

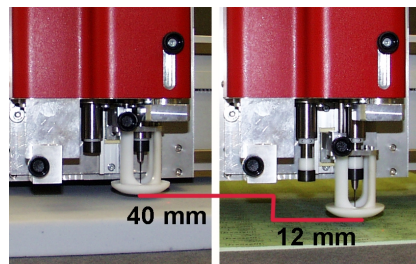


The intelligent camera system *Automatic Eye* enables quick and accurate cutting results of printed originals, even with misalignment and distortion.

- automatic identification of fiducials from plot file

- live image on the PC monitor shows placing and adjustment of the fiducials and/or in the simulation mode, the cutting outlines
- automatic compensating of material misalignment, - distortions, - stretching and - shrinkage.
- simple handling of the camera focusing by vertical adjustment of the camera at the MultiHead.
- adjustable lighting with white LEDs

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 mm - 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.



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



- **Tool position 1**
 - electrically oscillating
 for blades, tangentially controlled, lifting and lowering pneumatically; oscillating lift 2 mm; pressure max. 180 N (@ 6 bar); noise level approx. 73,5 dB(A)
- **Tool position 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 (@ 6 bar)
- **Tool position 3**
 - fixed
 the same as Tool position 2, but max. 120 N (@ 6 bar)
- **Tool position 4**
 marking device for pens (ball point refill, ink pen DPP, fibre tipped pen LUMICOLOR), dragging knife**
- **Tool position 5***
 2nd marking device for pens (see Tool position 4)
- **Tool position 6**
 integrated laser pointer

* option ** not in combination with an ARISTOMAT SL

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

Tool holders

Applicable tools

		creasing wheels: cardboard, corrugated cardboard, 60° double, 100° double, plastics			knives (5 mm - 35* mm) * 30 mm and 35 mm only for MH IV with lift adjustment
		blades			flat blades
		knives (5 mm - 15 mm)			flat blades "Boy No. 72"
		circular blades			ball point refill (gas pressure)
		punching blades			fibre tipped pen LUMICOLOR 318
		hole puncher			dragging knife (not for ARISTOMAT SL)

Color of the MultiHead

ARISTOMAT SL



ARISTOMAT GL
ARISTOMAT TL



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