

## 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.

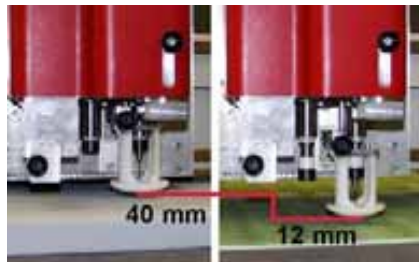
All tools are computer-controlled. This enables aligning, cutting, creasing and marking without changing the tools, which increases the throughput and therefore also the profitability of this tool head.

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

#### 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.



#### 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 focussing by vertical adjustment of the camera at the MultiHead OT.T.T.M.P. IV
- adjustable lighting with white LEDs

QUALITY  
MANAGEMENT  
Certified  
Regular voluntary  
monitoring conform to ISO 9001:2000



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

## 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)
		ink pen DPP-F1; 0,35 mm			fibre tipped pen LUMICOLOR 318
		punching blades			dragging knife (not for ARISTOMAT SL)
		hole puncher			

## Color of the MultiHead

ARISTOMAT SL



ARISTOMAT GL  
ARISTOMAT TL

