Pneumatic Cutting Device - *Surface guided with high cutting depth*

The Pneumatic Cutting Device for the ARISTOMAT cuts tough and stiff material, such as PVC sheeting or high intensity reflective vinyl which require high cutting forces. The necessary cutting pressure is regulated by compressed air and depends on the material to be cut. The cutting depth is infinitely adjustable and it is limited by a material down holder.

A focused precision laser beam does not only serve as guide for exact positioning of the starting point, but it can also be used for the safe PathTracTM simulation of the cutting path. With its assistance and the patented ARISTO *Print'n'Cut* procedure even misaligned or distorted materials can be worked on with full precision.

Various tool holders for blades and ball point refills are available. An large number of blade types guarantees an optimum adaptation to the material to be processed.

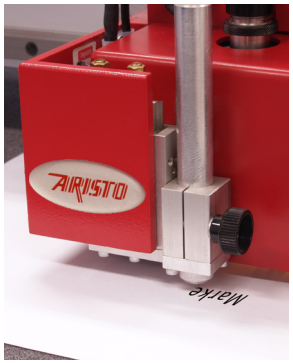
AutomaticEye System

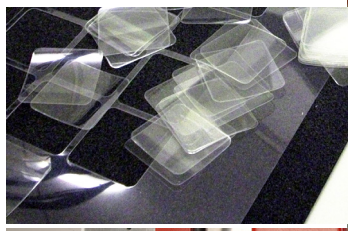
Optionally intelligent camera system, monted parallel to the tool head for identification of fiducial on prints, allows quick and accurate cutting results of printed materials, even with misalignment and distortion.

Pneumatic Marking Device P

Installed at the tool head the pneumatic marking device works as an additional tool. It is possible to mark or label the production pieces without tool change.

Ball point refills (gas pressure) and fibre tipped pen (LUMICOLOR 318) are available.





ARISTO®

Forming Your Business

Technical Specifications Pneumatic Cutting Device	
Control	Tangentially
Down force	Compressed air controlled
Required compressed air[1]	min. 2 bar (29 PSI), regulated, pulse-, water- and oil free
Cutting depth[1]	Infinitely adjustable up to approx. 1.4 mm (0.05 in)
Laser pointer	Print´n‘Cut System as origin pointer, fitting-in assistant and for the simulation mode
System requirements	ARISTOMAT of the series CL, GL, SL oder TL

1 Depending on the material to be processed.

2 Only in combination with an ARISTOMAT of the series GL, SL oder TL

Options

- ✓ Pneumatic Marking Device
- ✓ AutomaticEye System[2]

Choice of material

- ✓ Sign vinyl
- ✓ Sandblast vinyl
- ✓ Flock
- ✓ Reflective sheetings
- ✓ Preprinted and transfer vinyl films
- ✓ Membrane switchboards
- ✓ Masking films
- ✓ Cardboards, paper
- ✓ Metal foil (such as copper)

and others

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160 YEARS TRADITIONALLY INNOVATIVE