

Standard and Dual Mode Cutting Device - Electronically power-controlled cutting depth

Standard Cutting Device

This tool head is used mainly in sign industry and silk screen printing. The tangentially controlled tool head with the electronic down force regulation is particularly suitable for the processing of a broad spectrum of vinyl and film material.

Dual Mode Cutting Device

This tool head is more suited for stiff material, such as laminate and adhesive foil, which are to be kisscut and diecut in one operation. The maximum usable cutting depth can be set directly at the tool holder.

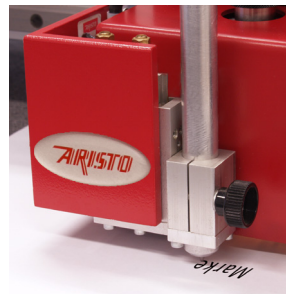
A focused precision laser beam does not only serve as guide for exact positioning of the starting point, but it can also be used for the safe PathTrac™ simulation of the cutting path. With its assistance and the patented ARISTO Print'n'Cut procedure even misaligned or distorted materials can be worked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

For those two cutting devices various blades, ball point refills and perforating needles are available. ARISTO offers different types of blades to guarantee an adjustment to optimum cutting process.

AutomaticEye System

Optionally intelligent camera system, mounted 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 Module S



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

Tool holders for ball point refills (gas pressure) and fibre tipped pen (LUMICOLOR 318) are available.



Technical Specifications Standard and Dual Mode Cutting Device

Control	Tangentially
Down force	Electronic controlled
Cutting depth¹	Up to approx. 1 mm (0.04 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 or TL

1 Depending on the material to be processed.

2 Compressed air necessary: min. 2 bar, min. 30 l/min., pulse-, water- and oil free

3 Only in combination with an ARISTOMAT of the series GL and TL

Option

- ✓ Pneumatic Marking Module S²
- ✓ AutomaticEye System³

Choice of material

- ✓ Sign vinyl
- ✓ Sandblast vinyl
- ✓ Masking films
- ✓ Cardboards, paper
- ✓ Nylon grips
- ✓ Reflective sheeting
- ✓ Metal foil (such as copper)
and others