

BasicRouter - Low cost Router spindle up to 25.000 rpm

This routing device is a low-cost solution for the processing of different materials like Alu-Dibond, acrylic, plastics or wood, e.g. for the advertising industry, display constructions and many other industries.

Thick materials can be processed in several steps.

The speed is set at the spindle, all further router functions are conveniently steered via the PC software *ARISTO CutterControlPanel* (CCP).

Optionally the database *CutRecall* offers the possibility to job-/material specifically store process-related data and therefore considerably reduces the setup times.

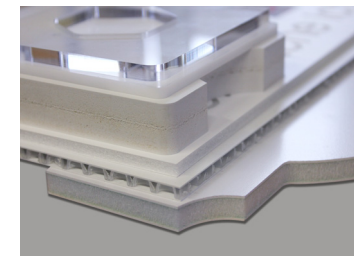
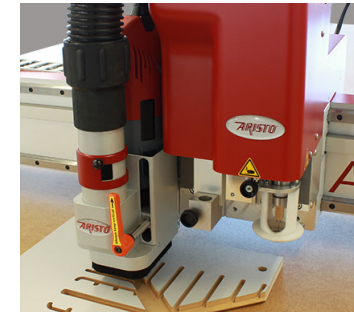
The connection for an exhaust system with suction power adjustment is prepared by default.

It is available for all ARISTOMATs of the GL, TL and LFC series, either as a stand-alone solution or in combination with other ARISTO tool heads.

In combination with a coolant mist system (option), materials that are not easily machinable can also be processed.

With this system, a special cutting oil is automatically used so effectively in the milling process, with pinpoint accuracy and with the smallest effective amount, so that lubrication and cooling take place optimally.

With the optional *AutomaticEye* module printed sheet material can be measured and subsequently routed. In the process, a possible distortion in the print will be compensated.



Technical Specifications BasicRouter

Motor spindle

Speed	5000 - 25000 rpm
Power	max. 1050 W
Tool change	manually
Collet chucks ER16	Ø 1-8 mm
True running accuracy	< 0.01 mm

Regulated Z-axis

Lift	52 mm electrically
Z-position	adjustable via <i>CutterControlPanel</i>
Chip exhaust unit	industrial vacuum cleaner connection, ON/OFF automatically with the motor spindle

Required vacuum cleaner

Air flow	mind. 250 m ³ /h
Vacuum	ca. 0.2 (3) bar (Psi)
Hose connection	50 (2) mm (in) external diameter 50 (2) mm (in) length
Allowed load for a controlled suction	1/N/PE AC 230V 50Hz, max. 10A

Coolant mist system (Option)

Tank capacity	1 l
Required air pressure:	
Operation pressure	4-7 (58-101) bar (Psi) pulse-free
Air flow	min. 50 l/min water- and oil free
System requirements	ARISTOMAT series GL, TL and LFC

Options

- ✓ Coolant mist system

Choice of material

- ✓ Polycarbonate (PC), Polythene (PE)
- ✓ Alu-Dibond
- ✓ Acrylic (PMMA), Polystyrene (PS)
- ✓ Wood, Plywood
- ✓ Medium Density Fibreboard
- ✓ High Pressure Laminate
- ✓ Rigid foam
and others