

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.

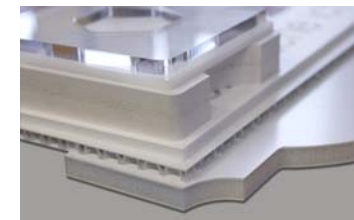
The connection for an exhaust system with suction power adjustment is prepared by default.

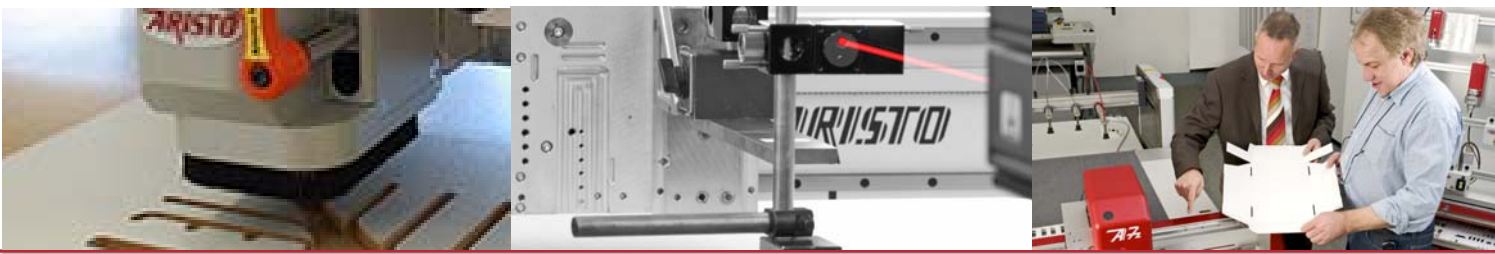
It is available for all ARISTOMATs of the GL, TL and LFC series, either as a stand-alone solution or in combination with other ARISTO tool heads.

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.





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	m³/h	
Vacuum	ca. 0.2 (3)	bar (Psi)	
Hose connection	50 (2) 50 (2)	mm (in) mm (in)	external diameter 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® der Serie GL, TL und LFC

Options

- ✓ Coolant mist system

Material-Auswahl

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



ARISTO[®]
Cutting Solutions