

HF Routing Device

Powerful high frequency spindle up to 1.000 Watt

This new tool is suitable for all non-metallic materials and offers the finest routing technology.

All router and z-axis functions are conveniently steered via the PC-software ARISTO CutterControlPanel.

A chip exhaust system for connection to an industrial vacuum cleaner is part of the standard equipment. Collets with different diameters are available for commercial milling cutters.



This new high-tech tool is available for all ARISTOMAT of the TL and GL series, either as a stand-alone solution or in combination with other tool heads, e.g. MultiHead IV

Specifications HF Router

3-phase asynchronous motor HF spindle 4040 DC and 4040 DC-S

Speed	
4040 DC	0 - 50.000 rpm, adjustable via pc software <i>ARISTO Cutter Control Panel</i>
4040 DC-S	0 - 60.000 rpm, adjustable via pc software <i>ARISTO Cutter Control Panel</i>
Torque	max. 17 Ncm (dependent on the cooling system)
Direction of rotation	anticlockwise
Power	
4040 DC	max. 800 W (dependent on the cooling system)
4040 DC-S	max. 1000 W (dependent on the cooling system)
Bearing system	ceramic, 3-precision bearings with lifetime lubrication
Tool change	manually
Sealing air	0.5 - 0.8 bar, dry and dust free
Collets	1.5 - 6.35 mm
Ambient conditions	+ 5° C up to + 40° C, max. 2000 m N.N

Regulated Z-axis

Lift electrically / pneumatically

Z-position adjustable via pc software *ARISTO Cutter Control Panel*

Chip exhaust unit to connect to an industrial vacuum cleaner

Compressed air necessary

Regulated pressure	6 bar pulse-free
Air flow	min. 30 l/min (1.06 cfm); water and oil-free

Vacuum cleaner necessary

Air flow	min. 80 l/s
Vacuum	approx. 0.2 bar
Connector	40 mm diameter

Recommended industrial vacuum cleaner (optionally available)

Nilfisk Advance GB 726-L with Gore-Filter and sound damping cover

Power	2.2 kW
Tank capacity	46 l
Air flow	86 l/s
Suction hose	50 mm diameter
Power-On	ARISTOMAT controlled