



# 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

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

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

### Vacuum cleaner necessary

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

### Recommended industrial vacuum cleaner (optionally available)

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

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