APT INTERNATIONAL

Technical datasheet

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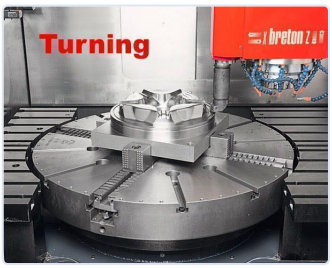
VERTICAL TURNING MACHINES CONVENTIONAL & CNC

Breton Ultrix 800 X: 800 – Y: 900 – Z: 600 mm CNC

Brand: Breton · Type: Ultrix 800 X: 800 - Y: 900 - Z: 600 mm CNC











VERTICAL TURNING MACHINES CONVENTIONAL & CNC

Chuck dia.	**700 mm**	Max turningdia -- passage	**1100 mm**
Power on the spindle	**40/30 kW**	Command	**Siemens 840D Solution Line**
Long	**4655 mm**	Wide	**5890 mm**
Height	**3415 mm**	Weight	**18,9 ton**
Turret	**yes**	Qty Tools	**150 positions**
Coolant pump	**yes**		

HORIZONTAL MACHINING CENTERS

X-axes	**800 mm**	Y-axes	**900 mm**
Z-axes	**600 mm**	Table dimensions	**dia 700 mm**
Max weight on the table	**700 kg**	Admission in spindle (ISO)	**HSK-63/KM63**
Power on the spindle	**40 kW**	Drilling capacity	**yes**
Control	**Siemens 840D Solution Line**	Number of axes	**5**
Toolstore	**yes**	Tools	**150 positions**
Frequency	**18 000 rpm**	Length	**4655 mm**
Depth	**5890 mm**	Height	**3415 mm**
Weight	**17 ton**	Cooling-system	**yes**

UNIVERSAL MILLING MACHINES & CNC

CONTACT

Dam-Apt BV

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www.aptint.com · VAT BE 0405.595.996

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Max longitudinal travel X-axe	**800 mm**	Max cross-travel Y-axe	**900 mm**
Max travel Z-axe	**600 mm**	Power on spindle	**40 kW**
Admission in boring head (ISO)	**HSK-63/KM63**	Spindlespeeds	**18 000 rpm**
Table size	**dia 700 mm**	Control	**Siemens 840D Solution Line**
Length	**4655 mm**	Depth	**5890 mm**
Height	**3415 mm**	Weight	**17 ton**
ACCESSORIES & TOOLING	**yes**	Coolant pump	**yes**
Turret	**yes**	Number of tools	**150 positions**

VERTICAL MACHINING CENTERS

X-axis	**800 mm**	Y-axis	**900 mm**
Z-axis	**600 mm**	Table dimensions	**dia 700 mm**
Max weight on the table	**700 kg**	Admission in spindle (ISO)	**HSK-63/KM63**
Power on the spindle	**40 kW**	Drilling-capacity	**yes**
Tapping-capacity	**yes**	Control	**Siemens 840D Solution Line**
Number of axes	**5**	Toolchanger	**yes**
Number of toolholders	**150 positions**	Number of rotations	**18 000 rpm**
Length	**4655 mm**	Depth	**5890 mm**
Height	**3415 mm**	Weight	**17 ton**
Cooling-system	**yes**		

DESCRIPTION

Type: Ultrix 800 RT

The Ultrix 800 RT is a multifunction machining center with 5 interpolated axes and a moving gantry design for high-speed milling, turning, grinding, drilling, tapping, finishing, deburring and roughing of complex parts.

When used for turning > vertical lathe:

- swivel range: 1100 mm
- maximum weight of the workpiece: 700 kg
- 40 kW on the table
- maximum torque on turntable: 1500 Nm
- ***maximum speed of turntable: 1000 rpm!!***
- hydraulic clamping on table
- tool taper for turning: KM63
- toolchanger with 150 positions, of which 24 for turning.

When used for milling, grinding, drilling, ... > machining center:

- X-axis: 800 mm
- Y-axis: 900 mm
- Z-axis: 600 mm
- A-axis: -30° / 110°
- C-axis: continuous
- maximum weight of the workpiece: 700 kg

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- 40 kW on the spindle
- maximum 18,000 rpm
- maximum torque on the spindle: 137 Nm
- tool taper for milling: HSK-63
- toolchanger with 150 positions and 126 tool positions for milling, grinding and drilling

List of options mounted on the machine:

1 - table diameter 700 mm with hydraulic clamping
2 - toolchanger with 150 positions
3 - chip conveyor belt
4 - cooling system with recovery
5 - coolant temperature control
6 - high pressure cooling (40 to 70 bar) through spindle
7 - smoke extraction system
8 - chip collection box
9 - Presetting System and Tool Integrity: Laser and Mechanical Probe for Measuring Instruments
10 - Renishaw measuring probe

PRICE

Price on request

Request a quote

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