Technical datasheet

D.01 16005

25/11/2026

VERTICAL MACHINING CENTERS

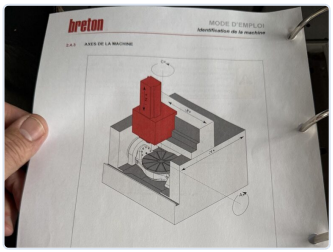
Breton Xceeder 900 X: 900 – Y: 900 – Z: 600 mm CNC

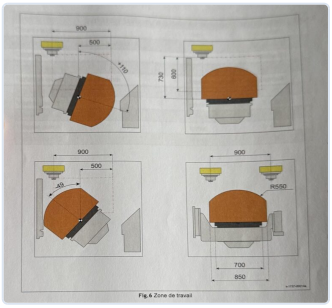
Brand: Breton · Type: Xceeder 900 X: 900 - Y: 900 - Z: 600 mm CNC











VERTICAL MACHINING CENTERS

X-axis	**900 mm**	Y-axis	**900 mm**
Z-axis	**600 mm**	Table dimensions	**dia 700 mm**
Max weight on the table	**1000 kg**	Admission in spindle (ISO)	**HSK-E40**
Power on the spindle	**45/40 kW**	Control	**Siemens Sinumerik 840D SL**
Number of axes	**5 AXIS simultaneous**	Toolchanger	**yes**
Number of toolholders	**150 positions**	Number of rotations	**40 000 rpm**
Length	**4655 mm**	Depth	**5890 mm**
Height	**3415 mm**	Weight	**18 900 kg**

DESCRIPTION

Type: XCEEDER 900/RT

XCEEDER is a 5-axis interpolated moving machining center for high-speed milling. Specifically designed for applications ranging from complex gears and impellers to molds, dies, and tools, for projects in the aerospace, automotive, and power generation industries.

CONTACT

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- Maximum workpiece diameter: 900 mm
- Maximum distance between spindle and table: 700 mm
- Hydraulic clamping on table
- A-axis: -30° / 110°
- C-axis: continuous
- max 40,000 rpm
- max 45 kW on spindle
- max torque on the spindle: 18 Nm
- max 40 kW on the turntable
- max torque on the turntable: 1500 Nm
- max speed of the turntable: 100 rpm
- toolchanger with 150 positions

Options fitted to this machine:
1 - 40,000 rpm high-speed spindle
2 - table dia 700 mm with hydraulic clamping
3 - Toolchanger with 3-150 positions
4 - chip conveyor belt
5 - cooling system with recovery
6 - Coolant temperature control
7 - high pressure cooling (40 to 70 bar) by spindle
8 - smoke extraction system
9 - chip collection box
10 - Presetting system and tool integrity: laser and mechanical probe for measuring tools
11 - Renishaw measuring head

Many of the **XCEEDER** 's advantages stem from the core of its structure. From there, through the cast iron gantry, it benefits from all ***the vibration-damping properties of "Metalquartz,"*** Breton's patented material. This material provides thermal inertia and withstands machining operations over the years, resulting in highly precise and rigid responses to the machining process.

PRICE

Price on request

Request a quote

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