

COMMERCIAL TECHNICAL DATA SHEET

5-Axis Continuous Vertical Machining Center | DMG MORI DMU 60 eVo Linear

 Overview

The **DMG MORI DMU 60 eVo Linear** is a high-dynamic machining center, ideal for top-tier industrial precision and complex geometries. The linear motor technology ensures elite rapid feedrates (80 m/min), while the massive 120-station tool magazine and high-pressure through-spindle coolant (40 BAR) allow for fully automated, continuous production.

 Technical Specifications and Machine Configuration

Category	Parameter / Feature	Value / Details
Identification	Manufacturer and Model	DMG MORI DMU 60 eVo Linear
Status & Logistics	Provenance / Origin	England
Axis Capacities	X / Y / Z Axis Travel	600 x 500 x 500 mm
Axis Capacities	B-Axis Swivel Range	-5° / +110°
Axis Capacities	C-Axis Rotation	360° (0.001° resolution)
Workpiece Size	Table Size / Diameter	Ø 630 mm
Workpiece Size	Min - Max Height under Spindle	125 – 625 mm
Workpiece Size	Max. Admissible Weight	400 kg
Spindle Performance	Max. Spindle Speed	20,000 rpm
Spindle Performance	Spindle Motor Power	25 / 35 kW
Spindle Performance	Tool Taper (Interface)	HSK A63
Dynamics & Speeds	Rapid Feedrates	80 m/min
Dynamics & Speeds	Table Rotation Speed (C-Axis)	1,200 rpm
Tool System	Tool Magazine Capacity	120 stations (ATC)
Cooling System	Coolant Through Spindle	40 BAR (580 psi)
CNC Control	Control System	Siemens 840D Ergoline
Machine Dimensions	Total Dimensions (L x W x H)	3543 x 2960 x 2865 mm
Machine Dimensions	Total Machine Weight	9,850 kg

 Commercial Advantages for the Client

- **Extreme productivity:** The massive 120-tool magazine eliminates setup changes between different batch runs.
 - **Flawless surface finishes:** The *Linear* drive technology delivers remarkable acceleration and premium structural dynamics.
 - **Heavy-duty deep cavity milling:** The 40 BAR internal coolant flushes chips instantly and extends tool life.
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