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DMG DMU 70 Evolution

DMG DMU 70 Evolution machining center with Heidenhain iTNC 530 control; year of manufacture 2003; excellent original condition. The machine comes from a renowned manufacturer of aircraft galleys and has only been used to machine aluminum.

Video
DMG DMU 70 Evolution
https://www.youtube.com/shorts/HSXkkvt99bc

Technical details
X-travel: 750 mm
Y-travel: 600 mm
Z-travel: 520 mm
Control: Heidenhain iTNC 530
Main spindle:
Speed range - main spindle: 20 – 18,000 rpm
Drive power - main spindle: 35 / 25 kW
Max. torque: 130 / 87 Nm
Tool holder: HSK-A63
NC swiveling rotary table:
Table clamping surface: 700 x 500 mm
Swivel range B-axis: 0 – 180°
Swivel range C-axis: 0.001°
Max. table load: 350 kg
Centering bore: 30 H6 mm
T-slots: 7x 14H7 x 63 mm
Table speed range: 21.5 rpm
Tool magazine:
Number of tool positions: 32
Max. tool length: 315 mm
Max. tool diameter: 105 mm
Max. tool dia. with adjacent pocket empty: 130 mm
Max. tool weight: 6.0 kg
Feed rates:
Rapid traverse (X / Y / Z): 50 / 50 / 50 m/min
Feed speed: 20,000 mm/min
Feed force (X/Y/Z): 8/8/7 kN
Total power requirement: 50 kVA
Machine weight (approx.): 8.5 t
Space requirement (approx.): 4.5 x 3.5 x 3.5 m

About the machine:

Offered here is a DMG DMU 70 Evolution machining center equipped with a Heidenhain iTNC 530 control system. This machining center is in very good original condition. It comes from a facility where it was used to manufacture aluminum components for aircraft galleys. It features a very user-friendly control system. The guideways are regularly lubricated via the central lubrication system. The DMG DMU 70 Evolution has undergone mechanical and electrical testing at our facility. Take the opportunity to inspect and test the DMG DMU 70 Evolution on-site under power.

You can find more milling machines from renowned manufacturers on our website: https://awm-gmbh.de/