

Machine Name : 5 Axis Machining Center

Brand : HERMLE

Machine Model : C30 U

Stock No. : 811458

Ex-factory Date : 2007



Main Technical Parameters:

CNC System: Heidenhain iTNC 530

Three-axis travel (X/Y/Z): 650 × 600 × 500 mm

NC rotary swing table

Table diameter: 630 mm

C-axis rotation range: 360°

Spindle speed: 18,000 rpm

A-axis swivel range: +30° / -115°

Rapid traverse rate:

X/Y/Z axes: 45,000 mm/min

Spindle:

Taper: HSK 63

Maximum power (40% ED): 15 kW

Speed range: 20-18,000 rpm

Tool magazine capacity: 32

Spindle diameter: 70 mm

Feed rate:

XYZ axes acceleration: 6 m/s²

XYZ axes feed force: 7,000 N

Table load capacity: 1,000 kg

Maximum workpiece size: Ø630 × 400 mm

Machine dimensions (L × W × H): approx. 6.5 × 4.5 × 3.1 m

Machine weight: approx. 9,500 kg

Configuration:

5-axis simultaneous control (dual-axis table + single-axis spindle structure)

Internal cooling system (up to 80 bar)

Equipped with Renishaw OMP40 probe

