Machine Name : Horizontal Machining Center

Brand : HELLER

Machine Model : H 4000

Stock No. : 469225

Ex-factory Date : 2012



Main Technical Parameters:

The travel of the X/Y/Z axes is 800 × 800 × 800 mm
Conventional Fast moving rate (X/Y/Z) : 60,000 mm/min (60 m/min)
High dynamic Fast moving rate (X/Y/Z) 90,000 mm/min (90 m/min)
The acceleration of normal motion is 8.0 m/s²
High dynamic motion acceleration: 10.0 m/s²
spindle taper interface SK 40 / HSK A63
The maximum feed force driving power is 38 kW
The maximum torque of the feed force is 242 Nm
The maximum drive power for speed cutting is 40 kW for Siemens and 25 kW for FANUC
The maximum torque for speed cutting is 95 Nm
The conventional speed range is 10,000 RPM
High dynamic speed range 16,000 RPM
The maximum drive power/maximum torque of spindle is 25 kW / 40 Nm
The speed range is 24,000 RPM
tools magazine Accessories: chain-type tools magazine: Tool quantity/maximum length/maximum diameter 54/80/160/240 pieces / 350mm / 450mm
Elevated tools magazine: Tool quantity/maximum length/maximum diameter 409 pieces / 350mm / 450mm
The indexing precision of the B-axis Rotary Worktable/speed range: 360,000 x 0.001° / 20 rpm
Pallet and workpiece Pallet size/maximum workpiece diameter/maximum workpiece height: 500 × 630mm / 900mm / 1020mm
The installation area of machine tool foundation specification (length × width) is 5050 × 3000mm
machine tool height/machine tool mass: 3500 mm/approximately 12,000 kg
Power connection/Compressed air 3 × 400 V / 50 Hz / 5-6 bar

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