

Machine Name : Horizontal Machining Center

Brand : HELLER

Machine Model : H 4000

Stock No. : 69225

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 × 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



