



# HSM-1500

**VERTICAL MACHINING CENTRE**  
FOR **HEAVY DUTY** OR **HIGH SPEED MILLING**



**WITH HEAVIER DUTY MACHINING SUPPORT**  
**AS YOU GET CLOSER TO THE TABLE**  
**WITH THE FULL C-FRAME SUPPORT**



table size: 1600 x 700mm  
maximum load capacity: 2000kg

X-axis: 1500mm  
Y-axis: 700mm  
Z-axis: 800mm  
X/Y/Z-axis guide ways: linear roller

rapid traverse in X/Y/Z axes: 48/48/36m per minute

spindle to column ways: 758mm  
spindle to Z-axis cover: 706mm  
spindle nose to table top: from 140 to 950mm  
floor to table top: 1008mm

**spindle type/interface/speed choices:**

- belt driven #40 maximum speed: 8000 rpm
- belt driven #50 maximum speed: 6000 rpm
- direct driven #40/HSK-A63 maximum speed: 12000/15000 rpm
- direct driven #50 maximum speed: 10000 rpm
- integral motor HSK-A63 maximum speed: 18000/24000/30000 rpm
- integral motor HSK-A100 maximum speed: 12000/15000 rpm
- geared #40/#50 maximum speed: 6000/8000/10000 rpm

auto tool changer magazine choices: 24/32/40 pockets  
maximum tool diameter: 125mm (150mm)  
maximum tool length: 250mm (300mm)

machine weight: 12000kg

included features

**control choices:**

- Fanuc 0i/MF Plus
- Mitsubishi M80/M800
- Heidenhain TNC 620/640
- Siemens 840D
- Fagor 8065 shop floor conversational + standard g-code control with Fagor remote support + Fagor off-line programming system

spindle oil cooler  
20bar (290 psi) through spindle coolant  
screw type chip auger  
belt type lift-up chip conveyor + bucket

contact Ron Nater for a detailed quote:  
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