



H63



The H 63 STANDARD horizontal machining center is a high-performance machine for complete chip machining of moulds, dies and flat as well as box-shaped parts made of steel, cast iron and light-metal alloys clamped on the work pallet. This machine enables the milling operations in three mutually perpendicular coordinate axes X, Y, Z and drilling, boring, reaming and threading operations including the usage of rigid tapping in the Z-axis. The rotary table (B axis) allows for workpieces machining from more sides at one clamping.

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Axis information	
X axis travel	39.7"
Y axis travel	31.5"
Z axis travel	39.7"
B axis travel	360°
Rapid traverse rate	1574 ipm
Pallet	
Pallet size	31.5" x 24.8"
Pallet change time	25 sec.
Number of pallets	2
Max pallet load	5,500 lbs
Spindle	
Spindle taper	Cat 50
Speed range	40 -8,000 rpm
Transmission	2 speed gearbox
Power	57 hp
Max torque	450 ft lbs
Tool changer	
Number of tools	102
Max. diameter all pockets full	4.9"

Max. diameter adjacent pockets empty	15.7"
Max tool weight	55 lbs
Tool to tool time	8 sec
Accuracy	
Positioning XYZ	* +/- 0.0002"
Repeatability XYZ	* +/- 0.0001
Positioning B	6 arc sec
Repeatability B	3 arc sec
