

H80



 TAJMAC - ZPS

The H80 productive horizontal machining center is utilizable for the whole range of technologies including the power machining as well as the high-speed machining.

- excellent characteristic of damping and absorption of mechanical vibrations
- machine dynamic and thermal stability necessary for the up-to date progressive technology of machining
- machine modern solution – linear guide ways in all axes and ecological grease lubrication of guide ways as well as of ball screws

The machine conception includes the "T" version of the bed with a column moving in the transversal direction (X-axis). On the column there is a spindle head moving in the vertical direction (Y-axis). The movement in the Z-axis is performed by a rotary table (B-axis) with a work piece.

	H63
Axis information	
X axis travel	57"
Y axis travel	41"
Z axis travel	41"
B axis travel	360°
Rapid traverse rate	1900 ipm
Pallet	
Pallet size	31.4" x 39.3"
Pallet chage time	20 sec.
Number of pallets	2
Max pallet load	5,000 lbs
Spindle	
Spindle taper	Cat 50
Speed range	8,000 (10,000) rpm
Transmission	2 speed gearbox
Power	53 hp
Max torque	387 ft lbs

Tool changer	
Number of tools	56 (75,96, 244)
Max. diameter all pockets full	4.9"
Max. diameter adjacent pockets empty	9.8"
Max tool weight	60 lbs
Tool to tool time	8 sec
Accuracy	
Positioning XYZ	* +/- 0.0002"
Repeatability XYZ	* +/- 0.00015
Positioning B	6 arc sec
Repeatability B	3 arc sec
