615 North Oak Ave., PO 4609, Sidney, OH 45365-4609 | P: 937.492.4111 | F: 937.492.8321

MCFV 1680 / 2080

TAJMAC – ZPS

The NEW MCFV 1680 STANDARD and MCFV 2080 STANDARD vertical machining centers have been designed as a unit-built machine for complete chip machining of forging dies and various types of moulds from steel and light-metal alloys clamped on the work table, i.e. machined by the HSC technology at high working feeds while maintaining high accuracy of work pieces. The machine enables milling, drilling, boring, reaming and threading operations including the usage of rigid tapping in three mutually perpendicular coordinate axis X, Y, Z.

	MCFV 1680	MCFV 2080
Axis information		
X axis travel	65"	80"
Y axis travel	32"	32"
Z axis travel	32"	32"
Table size	70 x 30.7"	86 x 30.7"
Rapid traverse rate	1179 ipm	1179 ipm
Feed rate	600 ipm	600 ipm
Spindle information		
Spindle RPM	8,10,15,18 & 25,000	8,10,15,18 & 25,000
Spindle taper	40, 50 or HSK 63	40, 50 or HSK 63
Drive system	Belt / gearbox	Belt / gearbox
Spindle power	33 - 49 hp	33 - 49 hp
Spindle torque	100-563 ft lbs	100-563 ft lbs
Tool changer		
Number of tools	24 / 30	24 / 30
Max. diameter all pockers full (24 tools)	3.4	3.4
Max. diameter adjacent pockets empty(24 tools)	6.2	6.2
Max tool weight	33 lbs	33 lbs
Tool to tool time	5 sec	5 sec

Accuracy		
Positioning XYZ	* +/- 0.0003"	* +/- 0.0003"
Repeatability XYZ	* +/- 0.0002	* +/- 0.0002