

Machine Model	Haas Mini Mill	Maxcut MV-1830
X axis	406mm (16")	762mm (30")
Y axis	305mm (12")	457mm (18")
Z axis	254" (10")	508mm (20")
spindle nose to table top (minimum - maximum)	from 102 to 356mm (from 4" to 14")	from 102 to 610mm (from 4" to 24")
X/Y/Z-axis support	linear guide ways	

Maxcut benefits

*much longer part machining capacity
much wider part machining capacity
much taller part machining capacity
much taller part accommodation*

Table working area	730 x 305mm (28.75" x 12")	900 x 410mm (35.43" x 16.14")
Table load capacity	227kg (500 lbs.)	350kg (770 lbs.)

*much larger part accommodation
much heavier part accommodation*

X-Y-Z axis rapid traverse	15.2m/minute (600"/minute)	25m/minute (1000"/minute)
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much faster positioning for shorter cycle times

Spindle power	5.6kW (7.5 hp)	7.4kW (10 hp)
Standard maximum spindle speed	6000 rpm	10000 rpm

*more power for higher material removal rates
much higher speed for higher material removal rates*

Tool changer type	carousel	dual arm side load
Tool magazine stations	10	24
Tool shank	CAT/BT40	
Maximum tool diameter with full pockets	89mm (3.5")	
Maximum tool weight	5.4kg (12 lbs.)	8kg (17.6 lbs.)

*much faster tool change without chip exposure
many more tools for less set-up*

heavier tool capacity

control	Haas	Fagor 8065
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*fully conversational with colour 3D part shape graphics
DXF File import, Remote Support, Off-Line Software*

machine length x width	2290 x 1630 x 2540mm 90" x 64" x 100"	2200 x 2050 x 2500mm 86.6" x 80.7" x 98.5"
machine weight	1815kg (4000 lbs.)	3630kg (7,986 lbs.)

much heavier duty machine construction (double weight)

Haas Mini Mill 2 web published US \$ pricing	\$33,995.00	
Maxcut MCV-1830 quoted Cdn. \$ pricing		\$77,000.00
10,000 rpm spindle	\$4,695.00	included
through spindle coolant	\$6,995.00	included
chip auger	\$3,295.00	belt-type lift-up chip conveyor
rigid tapping	\$1,695.00	included
spindle orientation	\$1,195.00	included
macros	\$3,295.00	included
high speed machining	\$3,295.00	included
visual part programming	\$2,395.00	included
remote jog handle	\$1,095.00	included
64GB expanded memory	\$2,395.00	included
24 through coolant hole pull studs	extra	included
8 spare m-codes	\$1,795.00	included
one year extended warranty	\$1,995.00	included
total package price US Dollars	\$66,140.00	
total package price in Canadian Dollars	\$82,675.00	\$77,000.00

much better chip disposal - no auger chip build-up

lower package price for much higher value machine