

GENERAL CAPACITY & SPECIFICATIONS

Standard Model	ANNIHILATOR HR 60	ANNIHILATOR HR 96	Optional Features: ●50hp (37kW) spindle ●32 or 40 Tool ATC ●Right Angle Heads ●Full Enclosure ●Chip Conveyors ●High Pressure Through Spindle Coolant Other machine sizes available based on customer requirements <i>Please ask your Quickmill sales rep for more information.</i>
Bridge Gap Clearance	48" (1219mm) Standard	48" (1219mm) Standard	
Y Axis Travel	60" (1524mm)	96" (2438mm)	
X Axis Travel	96"-180" (2438-4572mm)	96"-180" (2438-4572mm)	
Z Axis Travel	44" (1118mm)	44" (1118mm)	
Distance Between Columns	85" (2159mm)	109" (2768mm)	
Spindle-to-Table Distance	4"-48" (101-1219mm)	4"-48" (101-1219mm)	
Table Size	60" x 96" (1524 x 2438mm)	96" x 96" (2438 x 2438mm)	
	60" x 120" (1524 x 3048mm)	96" x 120" (2438 x 3048mm)	
	60" x 180" (1524 x 4572mm)	96" x 180" (2438 x 4572mm)	
X,Y & Z Axis Drives	2.48" (63mm) Rotating Nut	2.48" (63mm) Rotating Nut	
CNC System	Fanuc 0i-MF	Fanuc 0i-MF	

SPINDLE SPECIFICATIONS

Type	Belt Drive Ram Spindle w/ 4:1 2 Speed Gear Box and Chiller
Speed Range	0 - 6,000 rpm
Peak Power at	375 - 6000 rpm
Main Drive Power (Cont/Duty)	30/35 hp (22/26 kW)
Maximum Torque	413/489 ft-lb (560/664 Nm)
Z-Axis Feed Thrust	5,000 lb (22 kN)
Spindle Nose	Big Plus/CAT50/ISO 50

POSITION ACCURACY PER ISO 230

X, Y, Z axis	+/-0.001" (+/-0.025 mm)
--------------	-------------------------

REPEATABILITY PER ISO 230

X, Y, Z axis	+/-0.0005" (+/-0.013 mm)
--------------	--------------------------

COOLANT SYSTEM

Flood and Through the Spindle Coolant	Standard with filtration system
Coolant Flow/Pressure	10 gal/min @ 250 psi (38L/min @ 17 bar)
Coolant Tank Capacity	110 US gal (416 L)

FEED

Rapid Rates X & Y	1181 in/min (30 m/min)
Rapid Rates Z	600 in/min (15 m/min)

Quickmill reserves the right to alter these specifications prior to any firm order being placed.