

ELIMINATOR HD SERIES SPECIFICATIONS

GENERAL CAPACITY & SPECIFICATIONS			
Standard Model	ELIMINATOR HD 60	ELIMINATOR HD 96	Optional Features: ●60hp (37kW) spindle ●Higher RPM spindles ●120 Tool ATC ●Right Angle Heads ●Universal Heads ●5 Axis Heads ●Chip Conveyors Other machine sizes available based on customer requirements <i>Please ask your Quickmill sales rep for more information.</i>
Bridge Gap Clearance	Standard 48" (1219mm), Opt. 54" (1372mm) or 60" (1524mm)		
Y Axis Travel	60" (1524mm)	96" (2438mm)	
X Axis Travel	180" to 220" (4572 to 5588mm)	180" to 220" (4572 to 5588mm)	
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 180" (1524 x 4572mm)	96" x 180" (2438 x 4572mm)	
	60" x 220" (1524 x 5588mm)	96" x 220" (2438 x 5588mm)	
X,Y & Z Axis Drives	Ballscrew 2.48" (63mm) dia	Ballscrew 2.48" (63mm) dia	
Automatic Tool Changer	60 Tools	60 Tools	
CNC System	Fanuc 0i/31i or Siemens 840D		

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	287 - 6,000 rpm
Main Drive Power (Cont/Duty)	40/49 hp (30/37 kW)
Maximum Torque	226/904 ft-lb (307/1,228 Nm)
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	177 US gal (671 L)
FEED	
Rapid Rates X & Y	800 in/min (20 m/min)
Rapid Rates Z	590 in/min (15 m/min)