

GENERAL CAPACITY & SPECIFICATIONS

Models	G 120" x 120" x 30"	G 120" x 180" x 30"	Quickdrill III Modular Models
Y Axis Travel (▲)	120" (3,048 mm)	120" (3,048 mm)	120" (3,048 mm), 144" (3658 mm), 168" (4,267 mm), 200" (5,080 mm)
X Axis Travel (▲)	120" (3,048 mm)	180" (4,572 mm)	180" (4,572 mm), 252" (6,401 mm), 324" (8230 mm)
Z Axis Travel	22" (559 mm)	22" (559 mm)	22" (559 mm)
Height Clearance	30" (762 mm)	30" (762 mm)	30" (762 mm)
Spindle-to-Table Distance	8.5"-30.5" (216-775 mm)	8.5"-30.5" (216-775 mm)	8.5"-30.5" (216-775 mm)
X Axis Drives	2.48" (63 mm), Rotating Nut	2.48" (63 mm), Rotating Nut	Tandem, Rack & Pinion
Y Axis Drive	1.97" (50 mm), Rotating Nut	1.97" (50 mm), Rotating Nut	1.97" (50 mm), Rotating Nut
Z Axis Drive	1.89" (48 mm) Rotating Planetary Rollerscrew	1.89" (48 mm) Rotating Planetary Rollerscrew	1.89" (48 mm) Rotating Planetary Rollerscrew
CNC System	Fanuc 31i	Fanuc 31i	Fanuc 31i
Foundation Required?	No	No	Yes

SPINDLE SPECIFICATIONS

Ram Spindle Type	Belt Drive with 4:1 ZF Gear Box	Belt Drive with 4:1 ZF Gear Box	Belt Drive with 4:1 ZF Gear Box
Speed Range	0 - 3,000 rpm	0 - 3,000 rpm	0 - 3,000 rpm
Peak Power at	375 - 3,000 rpm	375 - 3,000 rpm	375 - 3,000 rpm
Main Drive Power (Cont/Duty)	49/60 hp (37/45 kW)	49/60 hp (37/45 kW)	49/60 hp (37/45 kW)
Z Axis Feed Thrust	6,000 lbs (27 kN)	6,000 lbs (27 kN)	6,000 lbs (27 kN)
Spindle Taper	CAT 50	CAT 50	CAT 50