

F67A Specifications

MADE IN U.S.A.

Table Size	60" x 17" (1500mm x 430mm)
T-Slots (no. x wid. x dis.)	3 x 0.63" x 3.94" (3 x 16mm x 100mm)
Travels:	
X Travel (Horizontal)	40" (1020mm)
Y Travel (In/Out)	20" (510mm)
Z Travel (Vertical)	26" (650mm)
Spindle Travel (Manual)	5" (127mm)
Spindle Nose to Table	9" – 35" (228 - 889mm)
Spindle Center to Column	20.9" (530mm)
Spindle:	
Spindle Taper	NMTB40
Spindle Diameter	4.13" (105mm)
Spindle Rotation Speed	1 – 1800 rpm (Optional 3400 rpm)
Spindle Head Tilt	90° (Right and Left)

Performance:	
Rapid Travel - X,Y	200 IPM (5m/min.)
Rapid Travel - Z	150 IPM (3.75m/min.)
Feed Rate	.001" - .060" (.02 - 1.5mm) per rev.
Repeatability	±0.0002" (±.005mm)
Motors:	
Spindle Motor	5 HP (3.7kW) 150 in-lb (15Nm)
3 Axis Motors	40 in-lb (4Nm)
AC Servo Brushless Motors and Axis Motors	
General:	
Floor Space (L x W x H)	131" x 81" x 104" (3.3 x 2.0 x 2.6m)
Machine Weight	8000lb (3530kg)
Electrical Requirement	208/240V 50/60Hz Single Phase 30A
Air Requirement	100 lb psi 7 Bar

Specifications and design subject to change without notice.

Optional Equipment

Part Number	Description
650-3-59	Computer Controlled Automatic 4th Axis Block Roll Over Fixture
650-3-1	Performance 90 degree V block fixture
650-3-30	Block End Truing Fixture Assembly
7241P	Rottler Universal Head & Block fixture assembly
7152A	Dual Axis Level Aassembly
502-9-9G	3 Dimensional Electronic Position Finder
650-3-59F	Automatic Wireless Probing
650-1-1A	Cylinder Boring Head Assembly – 2 to 4 inch diameter 7 inches length
650-2-14	Cylinder Boring Head assembly – 2.9 to 5.0 diameter 7 inches length
650-2-8B	10 inch Cutter Head Assembly for milling
650-2-8C	14 inch Cutter Head Aassembly for milling
6303B	CBN insert 3/8 diameter round
6303M	PCD insert 3/8 diameter round
7209M	Dual axis Leveling Table
6753K	Main Line boring 90 degree right angle drive assembly 1.9 to 5.6 diameter includes .700, 1.05, & 1.50 spacer
650-2-37	Special Belt drive 90 degree right angle drive assembly for limited clearance between bearing caps 1.9 to 4.0 diameter
650-2-19V	Special Extended main line bore 90 degree right angle drive assembly complete with narrow cutter head & tooling 1.9 to 2.4 diameter (minimum distance between bearing caps is 3.08.
650-3-1A	Lower End Machining Package assembly
650-3-56	Line Bore Pivot Table
650-3-43A	Cam Line Bore Tooling Package
6648G	Lifter Bore Tooling Package
650-2-11J	Quick change tap holder cartridge assembly with adaptor