



3 Axis Milling Machine

FEATURES

- Heavy duty rail section
- Liner rails and preloaded blocks
- Ball-screw feeds on X and Y axis
- Auto feed fits to both axis
- Direct drive ISO 40 spindle
- Choice of Pneumatic and Hydraulic versions
- Designed to fit to the gantry system to expand capability
- Combining 2 x Standard MB Milling Rails to make 3 Axis concept



The 3 axis range of portable milling machines are built for rigidity and precision. The machines are designed to carry out all portable in-situ milling applications efficiently and accurately.

TECHNICAL SPECIFICATIONS

	XYZ1 MB1 + MB1	XYZ2 MB1 + MB2	XYZ3 MB1 + MB3
Max bed travel	60" (1500mm)	80" (2000mm)	120" (3000mm)
Max cross travel	16" (305mm)	16" (305mm)	16" (305mm)
Auto Feed motor supply	0 – 112mm (0 – 4.4")	0 – 112mm (0 – 4.4")	0 – 112mm (0 – 4.4")
Spindle R.P.M Min/Max (Standard Supply)	50 - 548	50 - 548	50 - 548
Z Axis Quill Travel	3.2" (81mm)	3.2" (81mm)	3.2" (81mm)
Spindle Motor (Hydraulic)	5.0Hp (3.7Kw)	5.0Hp (3.7Kw)	5.0Hp (3.7Kw)
Spindle Motor (Pneumatic @90psi)	4.0 Hp (3.0 kw)	4.0 Hp (3.0 kw)	4.0 Hp (3.0 kw)
Feed Motor (Hydraulic)	2.2 Hp (1.64 kw)	2.2 Hp (1.64 kw)	2.2 Hp (1.64 kw)
Feed Motor (Pneumatic @90psi)	1.5Hp (1.11 kw)	1.5Hp (1.11 kw)	1.5Hp (1.11 kw)
Pneumatic Air consumption / supply needed	98 scfm (2.69 m3/m)	98 scfm (2.69 m3/m)	98 scfm (2.69 m3/m)
Hydraulic Supply needed	70 L/min (18 gal/min)	70 L/min (18 gal/min)	70 L/min (18 gal/min)