



FEATURES

- **Universal 3-5 Axes Split-Axes CNC-Machine**
- Applications include milling, drilling, routing, plotting, dispensing, digitizing, cutting etc.
- All stainless steel, heat treated, glass blasted construction
- Precision machined mounting surfaces for long life, heavy duty operation
- Anti-backlash rack & pinion drives
- Servo- or (closed-loop) stepper motors with integrated drive electronics
- Rapid speed up to 30 m/min. Cutting speed up to 15 m/min.
- Custom table versions, gantries, tooling and dimensions, with or without vacuum clamping
- Reference and limit switches
- Optically Isolated interface for Plug & Play communication with Host-PC & **EMC2**, the free Open Source CNC-Controller
- Optional **4-Axis DSP-CNC** controller for high speed, Off Line (stand-alone), NURBS / Splines / G-code processing

SPECIFICATIONS Xplot 1000 - 1099

Dimensions, mm (Width, Depth, Height)	W 1200 D 1000 H 1450
Weight, kg approx.	275
Travel, mm (standard – optional without optional bellows)	X 800 - 1000 Y 600 - 1000 Z 125 - 250
Work Area, mm	X 980 x Y 750
Repeatability, mm	± 0,25 - 0,025
Positioning Accuracy, mm/m per axis	± 0,15 - 0,05
Max. Z-axis load, kg With optional gas spring	8 20
Rapid Speed, mm/sec. (standard – optional, depending on drives)	X 50 - 500 Y 50 - 500 Z 10 - 25
Max. Contouring Speed, mm/sec. (depending on controller)	X 100 Y 100 Z 100 (3D only)
Resolution, mm, all axes	0,025 – 0,005
Table flatness, mm	± 0,5 – 0,025

