



WestCut CNC Profile Machine 44



- Oversized table for full effective cutting of 1250mm X 1250mm
- Fully galvanised thickwall hollow section frame with separate cut table
- Hardened Steel Rails and V section bearings for superior longevity
- Dual Y axis drive system with independent homing
- Rack and pinion drive system with automatic tensioning for backlash free operation
- Slimline ballscrew driven Z-Axis system
- Multit angle torch clamp for limited bevel cutting
- 4.5 N/m Hybrid stepper motors on Y-Axis, 3.0N/m Hybrid stepper motor on X-Axis
- Auto Job height sensing Z-Axis (top of material)
- Automatic Torch Height Control (THC) with high speed real time digital CNC control
- Laser cross hairs for quick setting of job location
- Double Safety E-Stop switches on each side of machine
- Full control of Hypertherm Powermax power sources through machine interface
- Collision protection breakaway torch holder, with auto shutdown

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Control Console

- Trolley Style console on rubber wheels incorporating Power Source storage
- Fully sealed CNC Panel including CNC control computer
- Industrial Dual Core PC running Windows 8 Embedded
- Full real-time CNC control with bespoke Plasma Profile Cutting software
- 15inch Touch Screen Waterproof / Dustproof
- Safety E-Stop switch, with mechanical button pushes for certain functions
- WiFi or RJ45 compatible connectivity
- Remote Assistance, diagnostics and trouble shooting
- Front USB port and Rear USB port
- Full Hypertherm Powermax Power Source control from software with direct connection to CNC controller



SOFTWARE

- Sheet CAM software included for simple conversion of DXF files to WestCut machine code
- ISAC Thermal Profile CNC software including realtime CNC control
- Windows 8 operating system
- Teamviewer Software
- **Optional Extras**
 - Vacuum Extration System
 - Oxy Fuel Cut Premium
 - Oxy Fuel standard

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