

MORGAN RUSHWORTH SPM 6022.45 CNC TUBE PLASMA CUTTING MACHINE

The Morgan Rushworth SPM Tube Plasma profiling system is a highly innovative machine combining the low-cost benefits of mechanised air plasma cutting with CNC automation and nesting. With the ability to process a wide range of profiles including round tube, box section and rectangular section the SPM covers the scope of most common tube processing requirements. Combined with the durable Hypertherm Powermax system, the SPM automates many manual processes such as sawing and drilling into one seamless CNC controlled cutting operation. Models are available from 150mm to 300mm diameter tube capacity and in lengths from 3 to 12 metres.

FEATURES

- Fully automated CNC cutting process
- Replaces manual processes such as sawing, cropping, notching, punching and drilling
- Highly accurate removing errors and rework
- 12" industrial touchscreen CNC control
- Desktop CAM software with part creation from round, square and rectangular section
- Import 2D DXF and place on a created part or import full 3D STEP or IGES
- Array parts on a bar for optimised material usage
- Import programs to the control by USB or network connection
- Manual loading of material
- 4-jaw feeding chuck
- Linear motion with hardened and ground rack & pinion
- Automatic servo support on infeed
- Centralising through-feed fixed chuck at cutting station
- Hypertherm Powermax plasma source
- Fully protected operation cabin with light curtains

OPTIONS

- Water flush system
- External support roller 50-150mm diameter
- Engraving pen

TECHNICAL INFORMATION

MODEL		SPM 6022.45
Plasma Output	Amps	45
Round Tube Capacity	mm	220
Square Tube Capacity	mm	150
Maximum Part Length	mm	6000
Maximum Part Weight	kg	250
Maximum Feed Rate	mm/sec	125
4-Jaw Chuck Diameter	mm	160
Motor Power	kW	5.6
Length	mm	7500
Width	mm	1200
Height	mm	1800
Weight	kg	800

OTHER IMAGES

