



ACP CNC Compact Plasma Cutting Machine



The Morgan Rushworth ACP CNC Compact Plasma cutting machines have been especially designed for simple but accurate cutting of sheet and plate material and are fitted with an operator friendly Windows based CNC controller.

Subject to initial specification, they can be either equipped with the class leading Hypertherm Powermax 105 power source utilising single gas plasma technology. Hypertherm power upgrades include the MAXPRO200 and the renowned HPR130XD providing XD Truehole technology.

The result is a high quality machine delivering low initial and operating costs, high productivity, superior cut quality and unsurpassed reliability.

Features and Benefits



1.5 and 2 m Bed Widths



3 to 6m Bed Lengths



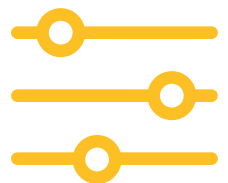
170 or 300 Amp Plasma



Positioning speed up to 15m/min



Optional Pronest Nesting Software



Optional Manual Bevel Torch

Machine Features

- Hypertherm Powermax 105 high definition multi gas plasma source
- Windows based Hypertherm MicroEDGE Pro CNC controller
- Hypertherm Nesting Software options
- Automatic torch height control
- Torch collision protection system
- Automatic ventilation and smoke extraction system ready to be
- connected to a filtration system
- Positioning speed 30 m/min maximum
- Positioning accuracy +/- 0.02mm
- LMT 25 mm high accuracy linear rail
- High quality Eisele gearbox
- Mitsubishi servo motor
- Atlanta rack and pinion system
- Moveable Control Panel with gantry control joystick

Optional Equipment

- NestMaster automatic nesting software
- TurboNest nesting software and additional productivity modules
- ProNest nesting software and additional productivity modules
- Extraction/filtration system
- Automatic gas console



HYPERTHERM CUTTING HEAD



TECHNICAL SPECIFICATIONS

BED SIZE			ACP 1530/105	ACP 1560/105	ACP 2040/105	ACP 2060/105
Plasma Output	Amps		105	105	105	105
Capacity from Pierce	Mild Steel (Argon Assist)	mm	20	20	20	20
	Stainless	mm	20	20	20	20
	Aluminium	mm	20	20	20	20
Capacity from Edge Start	Mild Steel	mm	40	40	40	40
	Stainless	mm	32	32	32	32
	Aluminium	mm	32	32	32	32
Table Width	mm	1600	1600	2075	2075	
Table Length	mm	3100	6100	4285	6285	
X Axis Stroke	mm	1550	1550	2050	2050	
Y Axis Stroke	mm	3050	6050	4050	6050	
Z Axis Stroke	mm	150	150	150	150	
Table Height	mm	800	800	925	925	
Length	mm	4420	7420	6084	8084	
Width	mm	2350	2350	2720	2720	
Height	mm	1710	1710	1723	1723	
Weight	kg	2550	4950	3950	5600	