



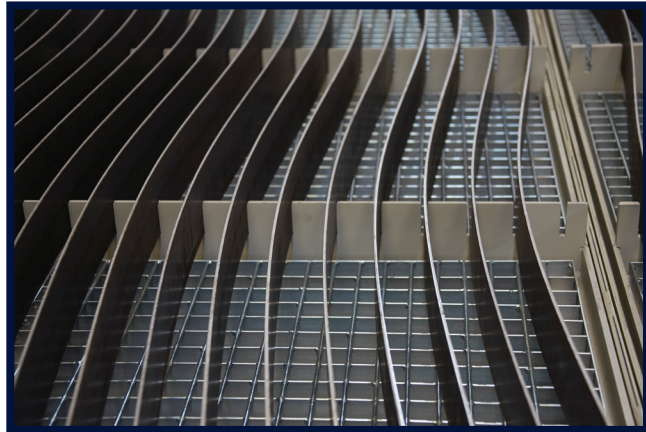
HDPX Compact CNC Plasma Cutting Machine

The HDPX High Definition CNC plasma machine is the flagship model from Morgan Rushworth and is offered in a huge range of bed sizes and with many optional features. The special bridge carrier design ensures precision cutting even on extremely long bed models and allows the fitting of optional equipment such as additional plasma torches for increased productivity and single or multiple oxy torch units for cutting up to 300mm thick material.

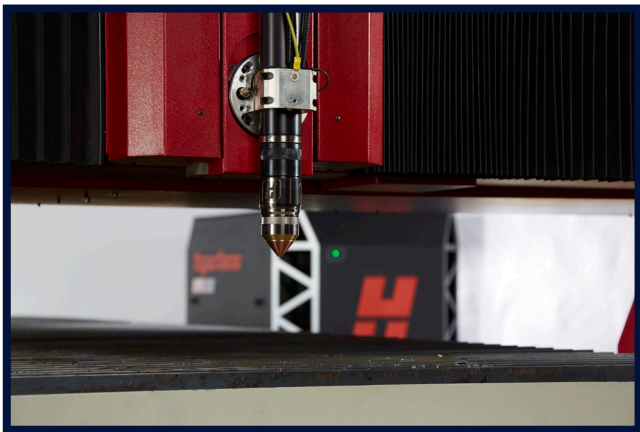




CNC Control



Wave slat Bed



Cutting Head

Machine Features

- Hypertherm XPR High Definition Plasma with X Definition Technology
- Hypertherm Core gas console
- Hypertherm torch height control and cutting torch
- Hypertherm Windows based EDGE Connect CNC control and ProNest software
- Virtually dross free finish typically removing the requirement for a secondary cleaning operation
- Maximised productivity and minimised operating costs
- Extremely heavy steel frame designed to withstand constant high speed production
- Bridge carrier design highly resistant to distortion suitable for multi plasma heads and oxy fuel cutting heads and allowing for precision positioning on bed lengths of up to 60 metres
- X and Y axis travel on precision linear guide rails with synchronised servo drives
- Fast positioning speed of 30 m/min with positioning accuracy to 0.05mm
- Arc voltage feedback to control optimum torch height position
- Mechanical and electronic collision avoidance system
- Marking and cutting of material performed with the same plasma torch

Optional Equipment

- Single station drilling head (requires EDGE Pro control)
- Three station drilling head (requires EDGE Pro control)
- Additional plasma systems (maximum 4 units)
- Six station drilling head (requires EDGE Pro control)
- Bevel cutting plasma head (increases bed width by 500mm. Requires EDGE Pro control)
- CNC tube plasma attachment (requires EDGE Pro control)
- Upgrade to Hypertherm EDGE Pro CNC control
- High efficiency extraction/filtration unit
- Auto nesting software

TECHNICAL SPECIFICATIONS

MODEL	STOCK CODE	TABLE WIDTH	TABLE LENGTH	X AXIS STROKE	Y AXIS STROKE	HEIGHT UNDER TORCH	TABLE HEIGHT	LENGTH	WIDTH	HEIGHT	WEIGHT
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
HDPX 1507/170	M8980	1700	3200	2300	3200	300	750	5200	3750	2200	4000
HDPX 2004/170	M8981	2200	4800	2800	4200	300	750	6200	4250	2200	6000
HDPX 2006/170	M8982	2200	6400	2800	6200	300	750	8200	4250	2200	8000
HDPX 2504/170	M8983	2700	4800	3300	4200	300	750	6200	4750	2200	7000
HDPX 2506/170	M8984	2700	6400	3300	6200	300	750	8200	4750	2200	9000
HDPX 3006/170	M8985	3200	6400	3800	6200	300	750	8200	5250	2200	10000
HDPX 3009/170	M8986	3200	9600	3800	9200	300	750	11200	5250	2200	12000
HDPX 3012/170	M8987	3200	12800	3800	12200	300	750	14200	5250	2200	15000
HDPX 3014/170	M8988	3200	14400	3800	14200	300	750	16200	5250	2200	17000
HDPX 4006/170	M8989	4200	6400	4800	6200	300	750	8200	6250	2200	12000
HDPX 4009/170	M8990	4200	9600	4800	9200	300	750	11200	6250	2200	14000
HDPX 4012/170	M8991	4200	12800	4800	12200	300	750	14200	6250	2200	17000
HDPX 4014/170	M8992	4200	14400	4800	14200	300	750	16200	6250	2200	19000
HDPX 1503/300	M8966	1700	3200	2300	3200	300	750	5200	3750	2200	4000
HDPX 2004/300	M8967	2200	4800	2800	4200	300	750	6200	4250	2200	6000
HDPX 2006/300	M8968	2200	6400	2800	6200	300	750	8200	4250	2200	8000
HDPX 2504/300	M8969	2700	4800	3300	4200	300	750	6200	4750	2200	7000
HDPX 2506/300	M8970	2700	6400	3300	6200	300	750	8200	4750	2200	9000
HDPX 3006/300	M8971	3200	6400	3800	6200	300	750	8200	5250	2200	10000
HDPX 3009/300	M8972	3200	9600	3800	9200	300	750	11200	5250	2200	12000
HDPX 3012/300	M8973	3200	12800	3800	12200	300	750	14200	5250	2200	15000
HDPX 3014/300	M8974	3200	14400	3800	14200	300	750	16200	5250	2200	17000
HDPX 4006/300	M8975	4200	6400	4800	6200	300	750	8200	6250	2200	12000
HDPX 4009/300	M8976	4200	9600	4800	9200	300	750	11200	6250	2200	14000
HDPX 4012/300	M8977	4200	12800	4800	12200	300	750	14200	6250	2200	17000
HDPX 4014/300	M8978	4200	14400	4800	14200	300	750	16200	6250	2200	19000

PLASMA OUTPUT	Amps	XPR170	XPR300
		30 - 170	30 - 300
PIERCE CAPACITY			
Mild Steel - Argon Assist	mm	40	50
Mild Steel - Standard	mm	35	45
Stainless Steel	mm	22	38
Aluminium	mm	25	38
SEVERANCE			
Mild Steel	mm	60	80
Stainless Steel	mm	38	75
Aluminium	mm	38	50