



BCM 3000x6000 CNC

Standard configuration:

- Hypertherm MicroEdge controller.
- Bridge with special machining process to minimize warps and deformations.
- Two servomotor Panasonic to control movement.
- Movement control system SHIMPO.
- Exceptional position and repetition precision.
- High operation speed in all axes.
- Electrical components Telemechanique, Schneider, ABB, Siemens.

EFFECTIVE CUTTING WIDTH/ LENGTH (mm)	2.000x6.000		
PLASMA POWER SUPPLY HYPERTHERM	HPR130		
CUTTING THICKNESS BY PLASMA (mm)	1 - 16		
CUTTING THICKNESS BY FLAME (mm)	6 - 100		
THE ELEVATION STROKE OF CUTTING TORCH (mm)	1 - 200		
POWER PRESSURE	380V / 50Hz		
LINEARITY (mm)	0,2		
DIAGONAL DEFLECTION (mm)	0,5		
TRANSVERSE DRIVING STATION	2		
TEMPERATURE OF WORKING CONDITION	0 ἑως 45° C		
PRESSURE OF PREHEATED OXYGEN	0.5-1.0 MPa		
MACHINE POWER (KW)	3		
PLASMA POWER (kW)	75		
WEIGHT (kg)	3.000		
DIMENSIONS (LxWxH) (mm)	5.200x1.880x1.850		



PLASMA CUTTING MACHINE

Controller CNC HYPERTHEM Micro Edge



Standard configuration:

- Graphic display.
- Color 15" LCD screen.
- Port for data transfer from a PC.
- Limited access for the systems' safety from user mistakes.
- Multiple operation modes (manual, automatic κλπ).
- Possibility to use and save a large number of drafts.
- Import and export DXF, IGES, CADL, DWG etc. files.

Rectangle	Circle	Triangle	L-Bracket	Trapezoid	Slant Rectangle	Gambrel Rectangle	Roofed Rectangle
4 Sided Polygon	5 Sided Polygon	Oval	Circle w/ Flat Side	Circle Slice	Straight Slots	Angled	Horizontal Rip
Vertical Rip	Flange	Circle w/ Rectangular	Gusset	8 Sided	Rectangle w/ Convex Cor.		v/ L-Bracket w/ Elbow radius
Slant L-Bracket	Trapezoid w/ Convex Co	Flange Slice	Elbow	Flange Repair Ring		Rectangle w/ Circular Hole	
Rectangle w/ Tab	Rectangle w/ Convex Tab	Rectangle w/ Notch	Rectangle w Slant Notch	/ Rectangle w/ Radius	Convex Rectangle	Concave Rectangle	Triangle w/ Conacave Side
Polygon w/ Concave Side	Slant Rectangle	Slant Rectangle	Cross	Cross w/ Circular Hol	4 Sided Convex	4 Sided Concave	Pipe Mount
Bolt hole Circle	Bolt Ho Flange		Bolt Hole Rectangle	Bolt H Rectan		Bolt Hole ectangle	Bolt Hole Rectangle
Rounded L-Bracket	Horses	hoe C	Convex Roof Trapezoid	Convex I Polygon		A nvex Roof lygon w/	D Pulley Cover
CCC Paddle Blind	W ater Pum Gasket	IP Frame	e I	General Sector S	O pirockete	ABC 123 Text	Test Pattern

Possible design cuttings