

# CNC plasma cutter type BPL PRO-MAX

Best  
Quality



This plasma cutter is ideal for larger productions in plasma cutting, because it is possible to mount multiple plasma cutting heads combined with oxygen cutting heads. Up to 4 plasma cutting heads or up to 8 oxygen cutting heads. (Max 8 Cutting heads total)

Material thickness up to 300mm. and material length up to 60 meters.

This machine comes with Hypertherm power sources, all of which are available with their "true hole" technology - To achieve maximum roundness and precision in holes and minor contours.

Baykal also offers a "3D" plasma cutting head for cutting the surface area, ie. to bevel cutting / sharpening of the workpieces.

Also available is a tube cut device with the machine.

As an option for this machine, are a "water table" so you can cool the materials and then cut under water, besides cooling, this also avoids smoke.



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## Design and operating features

- Availability of multi torch applications.
- Suitable for Oxy-fuel cutting up to 300 mm
- Best combination of Precision and very thick process machine.
- High precision plasma cutting technology
- High mechanical accuracy to:  $\pm 0.1$  mm
- Axis positioning speed: 30 m/min
- X and Y axis travel on precision linear rail guides
- Torch-height travel with ballscrews on dual linear guides
- Fast and accurate positioning with AC brushless servo motors:
  - Y-axis: dual synchronised servo drives
  - X-axis: single servo drive
- Cutting table independently constructed of bridge and machine frame to maintain positional accuracy under any table-load
- Patented crash protection on torch®
- Automatic torch height control
- Sectional cutting table with automatic fume extraction system
- Windows® based CNC unit
- Automatic nesting software
- Optional dust and fume collector devices conforming to safety regulations



Type	Width	Length	Height	Table height	X-axis	Y-axis	Weight
	mm	mm	mm	mm	mm	mm	kg
BPL PRO-MAX 3006	5200	8000	1900	750	3200	6400	4100
BPL PRO-MAX 3008	5200	10000	1900	750	3200	8400	5600
BPL PRO-MAX 3010	5200	12000	1900	750	3200	10400	6300
BPL PRO-MAX3012	5200	14000	1900	750	3200	12400	7050
BPL PRO-MAX 3014	5200	16000	1900	750	3200	14400	7800
BPL PRO-MAX 3016	5200	18000	1900	750	3200	16400	9100
BPL PRO-MAX 3018	5200	20000	1900	750	3200	18400	9850
BPL PRO-MAX 4006	6200	8000	1900	750	4200	6400	5900
BPL PRO-MAX 4008	6200	10000	1900	750	4200	8400	8200
BPL PRO-MAX 4010	6200	12000	1900	750	4200	10400	9300
BPL PRO-MAX 4012	6200	14000	1900	750	4200	12400	10450
BPL PRO-MAX 4014	6200	16000	1900	750	4200	14400	11600
BPL PRO-MAX 4016	6200	18000	1900	750	4200	16400	13700
BPL PRO-MAX 4018	6200	20000	1900	750	4200	18400	14850