# CNC plasma cutter type BPS

**Best Quality**

**Made in EU** ★★★



BPS

This plasma cutter is the "flagship" in plasma cutting, when talking about quality and precision.
type BPS can be configured in a variety of solutions, of one or more oxygen-heads or with a combination of both plasma and oxygen-head. The table on the machines will be delivered to the specific task depending on the sheet thicknesses.

This machine are delivered with Hypertherm power sources, all of which can be supplied with their "true hole" technology. Therefor it will always be possible to achieve the maximum roundness at surfaces and precision, when cutting holes and smaller contours.

## *True Hole Technology*



**Hypertherms patent-pending True Hole technology guarantees significantly better hole quality**



**Without True Hole**          **With True Hole**

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**Operating features:**

- High precision plasma cutting technology
- High mechanical accuracy to: ± O.1 mm
- Axis positioning speed: 30 m/min
- X and Yaxis travel on precision linear rail guides
- Torch-height travel with ballscrews ondual 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
- Remote control option on large tables
- Optional dust and fume collector devices conforming to safety regulations
- Additional plasma or oxygen torch option

| Type | Width | Length | Height | Table height | X axis | Y axis | Weight |
|------|-------|--------|--------|--------------|--------|--------|--------|
|      | mm | mm | mm | mm | mm | mm | kg |
| BPS1503 | 3000 | 5200 | 1800 | 750 | 1700 | 3200 | 2800 |
| BPS 2004 | 3500 | 6200 | 1800 | 750 | 2200 | 4200 | 3500 |
| BPS 2006 | 3500 | 8200 | 1800 | 750 | 2200 | 6200 | 4100 |
| BPS 2504 | 4000 | 6200 | 1800 | 750 | 2700 | 4200 | 4050 |
| BPS 2506 | 4000 | 8200 | 1800 | 750 | 2700 | 6200 | 4750 |
| BPS 3006 | 4500 | 8200 | 1800 | 750 | 3200 | 6200 | 5400 |
| BPS 3009 | 4500 | 11200 | 1800 | 750 | 3200 | 9200 | 7100 |
| BPS 3012 | 4500 | 14200 | 1800 | 750 | 3200 | 12200 | 8700 |
| BPS 3014 | 4500 | 16200 | 1800 | 750 | 3200 | 14200 | 9500 |