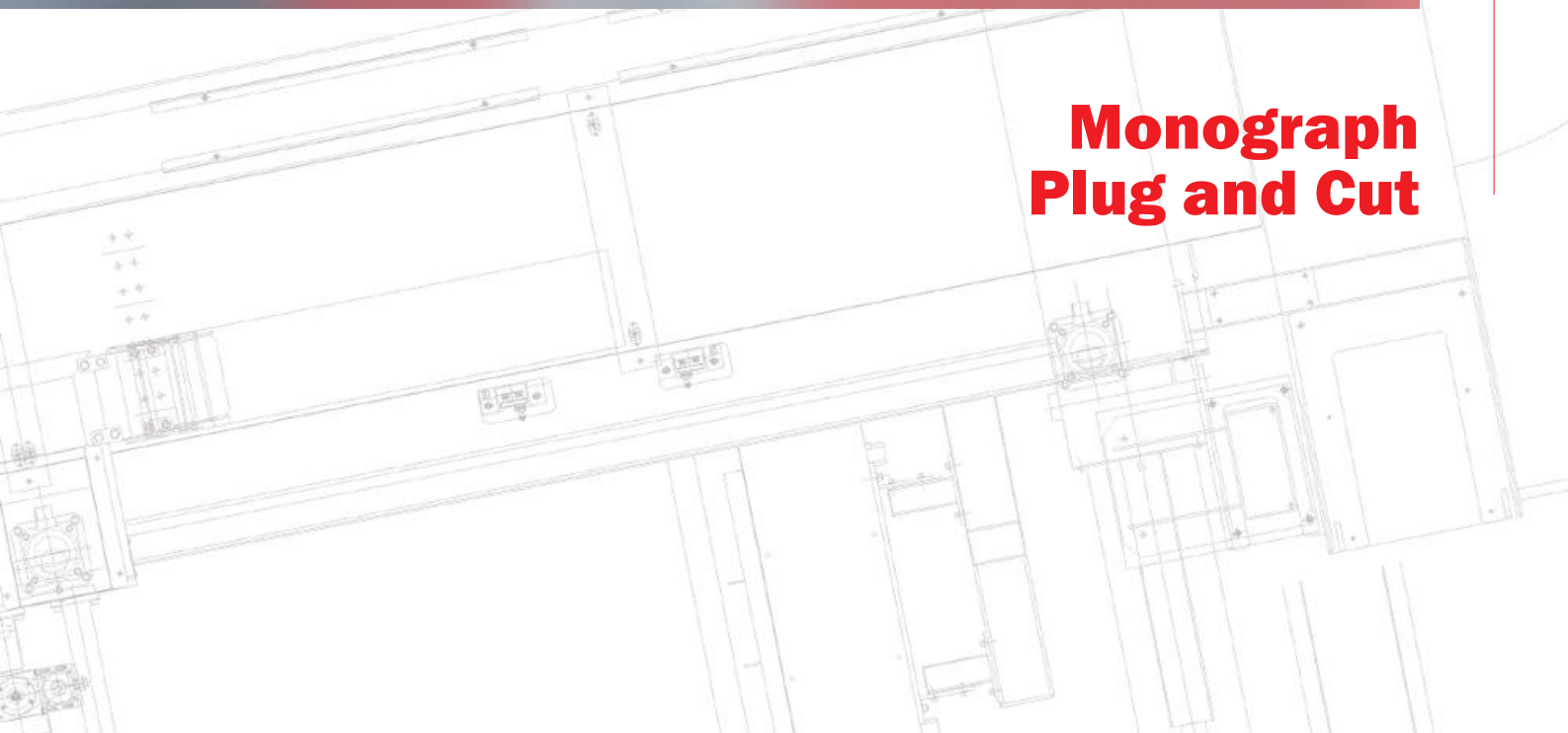




*Your cutting needs – achieved.*



## **Monograph Plug and Cut**



## Compact and cost efficient

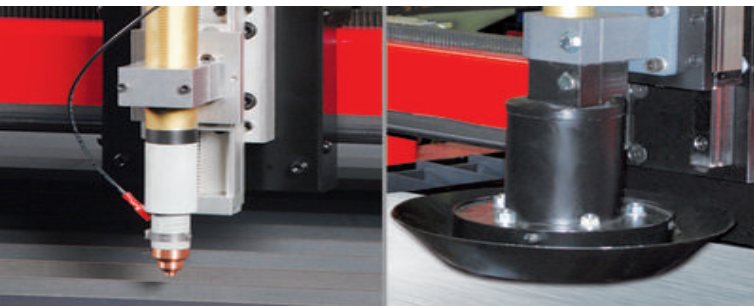
The Monograph cutting machine is a robust high-quality CNC controlled cutting machine, suitable for economical and good quality cutting of metals up to 6 mm. The Monograph is a "plug and cut" machine, rail and cutting table are one integral construction. This compact design enhances the stiffness of machine and floor space efficiency. The design of the table with rear exhaust allows maximum fume extraction. Positioning accuracy is facilitated through the use of precision AC Servo Motors and Planetary Gears attached directly to the Rack and Pinion. This design is extremely reliable and offers a high positioning accuracy, with backlash free gears and traverse speeds of up to 36.000 mm/min. The combination of the latest CNC technology, Hypertherm's Powermax plasma system, robust frame construction and ease of use are creating a economical cutting machine for many applications.

- "Plug and Cut" Design - installed in almost no time
- Almost maintenance free
- Exceptional Graphic User Interface (HMI) via touchpanel
- Arc Voltage Height Control for thick material
- Floating for thin sheet metal
- Coli feed system for HVAC applications available



### Technical Specifications

Cutting width	1500 mm
Cutting length	3000 mm
Stroke pneumatic cylinder	100 mm
Table working height	770 mm
Cutting speed	Min. 50 Max. 6000 mm/min
Positioning speed	36000 mm/min
Drive system	AC Servo motors with low backlash gearboxes
Positioning accuracy	0,3 mm
Type of drive	Precision Rack and Pinion
CNC control	Burny Phantom with touchpanel
Control	Left side
Torch	Hypertherm T60 M / T80 M
Plasma system	Hypertherm Powermax 1000 /1250 /1650
Plate thickness	6 mm (PM1000) /10 mm (PM1250) / 12 mm (PM1650)
Maximum cutting table load	500 kg
Machine height	1620 mm
Machine width	2115 mm
Machine length	4850 mm
Weight, circa	1135 kg
Recommended air pressure	7 Bar
Recommended power supply	1 Phase AC 230 V for the machine 3 Phase AC 400 V for the plasmasource



*Your cutting needs – achieved.*

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