

POWERMAX30 AIR PLASMA CUTTER

Despite its small size, the Powermax30® AIR delivers big performance. This small air plasma cutter — the smallest, lightest handheld plasma cutter in its class — includes its own built-in air compressor. That's right, it's a small plasma cutter with a built-in compressor so you can use the Powermax30 AIR anywhere there's single-phase power. Just plug it in, attach the work clamp and you're ready to cut. It's even dual-voltage. You can use it as a 110V plasma cutter or at 240V. Regardless of which power input (110v or 240v) you choose, we think you'll agree the Powermax30 AIR is the best plasma cutter with built-in compressor available today.

Input voltages	110-240v, 1-PH, 50/60 Hz
Input current @ 2.5 kW	110-240v, 1-PH, 29-15 A
Output current	15-30 A
Rated output voltage	83 VDC
Duty cycle @ 40°C (104°F)	35%, 240 V 20%, 120 V
Open circuit voltage (OCV)	256 VDC
Dimensions with handles	420 mm (16.5") D; 195 mm (7.7") W; 333 mm (13.1") H
Weight w/ 4,5 m (15') torch	13.5 kg (29.8 lbs)
Input power cable length	3 m (10')
Power supply type	Inverter - IGBT
Engine drive requirement	5.5 kW for full 30 A output
Certifications	CSA-certified for use in the Americas and Asia, except China CE, C-Tick, CU/GOST, Ukr, and Serbian — for use in Europe, Australia, Belarus, Kazakhstan, Russia, Serbia, Ukraine, and other countries where accepted.
Warranty	Power supplies have a 3-year warranty and torches a 1-year warranty.



Cut capacity

Capacity	Thickness	Cut speed
	Cutting	
Recommended	8 mm (5/16")	500 mm/min (20 ipm)
	10 mm (3/8")	250 mm/min (10 ipm)
Severance	16 mm (5/8")	125 mm/min (5 ipm)

Cutting with 110v input power

The maximum recommended output of 20 A, the cut capacities are:

- 3 mm (10 gauge) at 762 mm/min (30 ipm)
- 6 mm (1/4") at 355 mm/min (14 ipm)
- 10 mm (3/8") at 125 mm/min (5 ipm)