

Powermax30 XP

Recommended cut capacity of 10 mm (3/8")

Severance capacity of 16 mm (5/8")

Professional grade



Part of the Powermax® family, the Powermax30 XP is a highly portable two-in-one plasma cutter providing high-power capability for mechanized cutting on thick metal and detailed, thin metal.

Key business benefits

Simplify operations and boost productivity

Easy-to-use interface and drag-cutting consumables reduce training time and improve cut quality

Minimize operating costs

Up to 10x longer consumable life compared to competitors decreases operating costs

High uptime and reliability

Robust design and long-lasting consumables ensure system durability and long life

Powermax30 XP cut and gouge capacities

Capacity	Thickness	Cut speed
Cutting		
Recommended	10 mm (3/8")	500 mm/min (20 ipm)
	12 mm (1/2")	250 mm/min (10 ipm)
Severance	16 mm (5/8")	125 mm/min (5 ipm)

Torch output*

3.75 kW
30 A x 125 V ÷ 1000 W = 3.75 kW

*Higher output voltage at the torch plus efficiently designed consumables result in a faster, cleaner cut.

The Powermax30 XP. Portable and versatile.

Highly portable, the Powermax30 XP handles a wide range of jobs and provides high-power capability for thick metal cutting and FineCut® consumables for detailed, thin metal cutting. With a dual-voltage design, it can run on a 240 V circuit and, depending on the region, a 120 V circuit.

Unique “two-in-one” design provides high-power capability for thick metal cutting and FineCut consumables for detailed, thin metal cutting.

**THE BEST
INVESTMENT
IS IN YOUR
POWER**



Highlighted product features:

Easy to use

- Simplified operations get you cutting quickly and easily
- Small and lightweight, the Powermax30 XP delivers whenever and wherever you need it
- Quickly cut metal grate or rusted metal without retriggering with the continuous pilot arc feature

Versatile

- Plug into any 120 or 240 V circuit (convenient Auto-Voltage™ technology and plug adapters included)
- Two-in-one design for maximum versatility with high power for thicker metals and FineCut consumables for high-quality cuts on thinner metals

Industry-leading reliability

- Powermax plasma cutters are known to last decades in the field, minimizing maintenance and downtime
- Torches are engineered for rugged industrial environments
- Each Powermax component is tested to perform reliably in demanding conditions

Our customers' preferred cutting tool for industries including:

- Automotive repair/restoration
- Metal art and signage
- Property/plant maintenance
- HVAC/mechanical contracting
- Educational/trade schools
- Agricultural/equipment maintenance

Specifications

CE – for use in Europe, Australia & New Zealand – RCM, Serbia, UK – UKCA, Ukraine, and other countries where accepted.

CCC – for use in China.

CSA – for use in the Americas and Asia, except China.

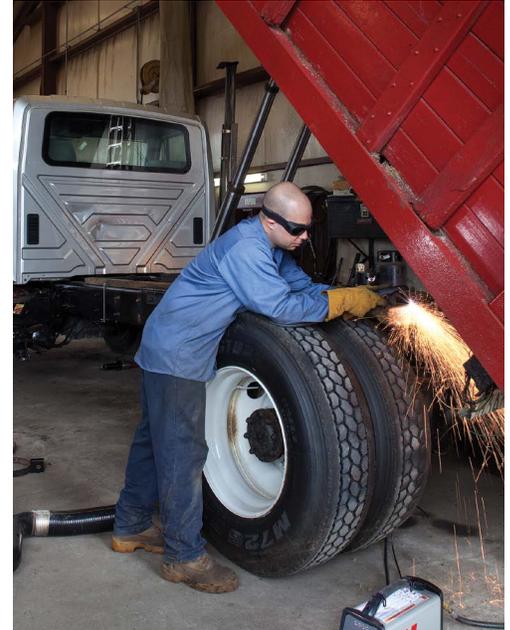
CE	CCC	CSA	Specifications
Input voltages (± 10%)			
↳	↳	↳	120–240 V, 1-PH, 50/60 Hz
Input current @ 3.8 kW			
↳	↳	↳	120–240 V, 1-PH, 25.5–18.8 A
Output current			15–30 A
Rated output voltage			125 VDC
Duty cycle @ 40° C (104° F)			
↳	↳	↳	35%, 240 V
↳	↳	↳	20%, 120 V
Open circuit voltage (OCV)			
↳	↳	↳	256 VDC
Dimensions with handles			356 mm (14.0") D; 140 mm (5.5") W; 292 mm (11.5") H
Weight w/4.5 m (15') torch			9.5 kg (21.4 lbs)
Gas supply			Clean, dry, oil-free air or nitrogen
Recommended gas inlet flow rate/pressure			113.3 l/min (4 scfm) @ 80 psi (5.5 bar)
↳	↳	↳	9.5 kg (21.4 lbs)
Input power cable length			3 m (10')
Power supply type			Inverter – IGBT
Engine drive requirement			5.5 kW for full 30 A output
Warranty			Power supply: 3-year, Torch: 1-year



Ordering information

Below are the standard system configurations, which include a power supply, torch, and work cable.

CE – for use in Europe, Australia & New Zealand - RCM, Serbia, UK – UKCA, Ukraine, and other countries where accepted.			Duramax LT torch with 4.5 m (15') lead and work clamp with 4.5 m (15') lead	
CCC – for use in China.				
CSA – for use in the Americas and Asia, except China.				
CE	CCC	CSA	Torch lead length	4.5 m (15')



Powermax30 XP® power supply with 4.5 m (15') Duramax LT torch		System
↳	120-240 V handheld standard and carry case, gloves, and shade 5 glasses	088079
↳	120-240 V standard handheld	088081
↳	120-240 V mechanized	088178
↳	120-240 V standard	088084
↳	120-240 V standard	088082

Torch consumable parts

Consumable type	Torch type	Amperage	Shield/Deflector	Retaining cap	Nozzle	Electrode	Swirl ring
Standard	Hand	30	420116	420114	420118	420120	420211
FineCut	Hand	30	420115	420114	420117	420120	420211
HyAccess™	Hand	30		420148	420144 (cutting) 420147 (gouging)	420137	220670
Mechanized	Machine	30	220673	420148	420118	420137	420211

Electrodes and nozzles are sold in packs of five, as well as combination packs of 2 electrodes and 2 nozzles.

Description	Part number
Standard combo pack	428243
FineCut combo pack	428244

088079 Hand system includes

- Power supply, 4.5 m (15') Duramax™ LT hand torch with standard consumables, 4.5 m (15') work clamp
- 240 V/20 A plug with adapters for 120 V/15 A and 240 V/20 A circuits
- Operator and safety manuals
- Consumable kit with 1 standard nozzle, 1 electrode, 1 FineCut® nozzle and 1 FineCut deflector
- Plastic carry case
- Carrying strap
- Leather gloves
- Shade 5 glasses



Consumable kits



Essential consumable kit

Essential kits provide a convenient assortment of standard consumables for your Powermax® system. The storage case protects and organizes your consumables and provides part number information for ease of reordering your consumables. Made in USA.

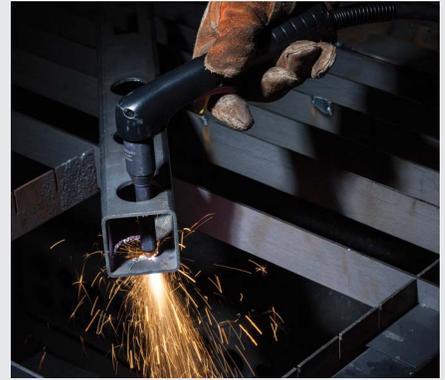
851479 Powermax30 XP kit



HyAccess consumable kit

Uniquely designed for accessibility, the patented HyAccess™ extended consumables provide the extra reach needed when cutting or gouging in hard to reach or confined spaces.

428337 HyAccess consumable kit



Recommended Hypertherm genuine accessories

Part number	Description
Face Shield: Clear face shield with flip-up shade for cutting and grinding. Safety shield included. ANSI Z87.1, CSA Z94.3, CE.	
127239	Face shield shade 6
127103	Face shield shade 8
Circle cutting guides: Quick and easy set up for accurate circles up to 70 cm (28") diameter. For optional use as a stand-off guide for straight and bevel cuts. Made in USA.	
127102	Basic kit - 38 cm (15") arm, wheels and pivot pin
027668	Deluxe kit - 28 cm (11") arm, wheels, pivot pin, anchor base and plastic case
Flip-up eyeshades: Shade 5 (for <40 A) flip-up shade, anti-scratch lens and adjustable frame. ANSI Z87.1, CSA Z94.3, CE.	
017033	Flip-up eyeshades
System dust covers: Made from a flame-retardant vinyl, a dust cover will protect your Powermax system for years. Made in USA.	
127144	Cover, Powermax30 XP

Accessories



Face shield



Flip-up eyeshades



System dust covers



Circle cutting guides

Learn more at www.hypertherm.com/powermax30XP

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