



# Maximize the potential of your Powermax plasma system



Powermax® plasma systems are anything but standard. Check out the accessories and applications that make your Powermax a cut above the rest.

## Air filter

Ensures the supply of air to your system is kept dry and oil-free. Unfiltered air can lead to consumable life issues, cut quality issues, slower cutting speeds and contribute to premature torch failure.

Description	Kit part number
Filter only	128647
Filter plus cover for Powermax65/85	228570
Filter plus cover for Powermax105/125	228890
Replacement air filter element	011092
Mounting bracket kit for 428719 and 128647 air filter kits	428718

## Essential consumable kit

Get all of the consumable parts you'll need with our Essential consumable kits! Save money with our essential kits when compared to buying each part individually. In addition to the parts: shield, retaining cap, nozzle, electrode, swirl ring, o-ring, and tube of lubricant for the o-rings, you'll also have a durable case to safely store consumables. The lid of the box has an easy-to-read reorder list of parts numbers.

Powermax system	Kit part number
Powermax30 AIR	851462
Powermax30 XP	851479
Powermax45 XP	851510
Powermax65	851465
Powermax85	851468
Powermax105	851471
Powermax125	851474

# Specialty application consumables and torches

By changing the front end parts on your torch you can perform a variety of cutting and gouging applications with ease.

## Duramax specialty and retrofit torches

Update your older Powermax® system with a Duramax® retrofit torch to improve system performance and increase consumable life. A 15-degree torch can offer easier ability for arc gouging, flush cutting, and overhead cutting or where ergonomically a different torch may be required. Machine and mini torches are ideal for CNC applications, track torch operations or pipe cutting.



75° hand torch



180° mini machine torch



15° hand torch



180° full-length machine torch

Part number	Description	Compatible system(s)
228788	Handheld retrofit torch – 25' lead	Powermax1000/1250/1650
228789	Handheld retrofit torch – 50' lead	Powermax1000/1250/1650
228807	Handheld, straight retrofit torch – 25' lead	Powermax1000/1250/1650
228790	Mechanized retrofit torch – 25' lead	Powermax1000/1250/1650
228791	Mechanized retrofit torch – 50' lead	Powermax1000/1250/1650
228916	Handheld retrofit torch – 25' lead	Powermax600/800/900 MAX42/43
228917	Handheld retrofit torch – 50' lead	Powermax600/800/900 MAX42/43
228918	Handheld retrofit torch – 25' lead*	Powermax600 CE
228919	Handheld retrofit torch – 50' lead*	Powermax600 CE
228920	Mechanized retrofit torch – 25' lead	Powermax600/800/900 MAX42/43
228921	Mechanized retrofit torch – 50' lead	Powermax600/800/900 MAX42/43
228922	Mechanized retrofit torch – 25' lead*	Powermax600 CE

\*Without quick disconnect

## FlushCut consumables

The patented consumable design for FlushCut™ features an angled nozzle bore design which delivers the plasma arc at a 45-degree angle. This unique design gives you the ability to cut closer or more flush to the base than ever before which significantly reduces grinding and increases the opportunity to reuse pad eyes, attachments and other temporary weld supports.



Powermax system	Handheld torch series	Kit type	Kit part number
Powermax45 XP/65/85	Duramax	FlushCut starter kit	428746
Powermax105	Duramax	FlushCut starter kit	428647
Powermax125	Duramax Hyamp™	FlushCut starter kit	428713

## HyAccess™ consumables

Patented consumables with extra length and a narrower profile for cutting and gouging in hard to reach places, or where your standard consumables can't reach.



Powermax system	Handheld torch series	Kit type	Kit part number
Powermax30 XP	Duramax LT	HyAccess starter pack for cutting	428443
Powermax45 XP/65/85/105	Duramax	HyAccess starter pack for cutting	428445
Powermax45 XP/65/85/105	Duramax	HyAccess starter pack for gouging	428446

## Duramax Hyamp Long torches

Duramax® Hyamp™ Long torches offer extra reach and durability for heavy duty cutting applications, and in hard-to-reach places improving safety and productivity. Applications such as skeleton removal from cutting tables, scrapping, infrastructure repair, reconstruction, and cutting material where you need to reach further than normal with safety, comfort and capability. Torches are available in 2', 4', and 6' lengths.



Lead length	Duramax Hyamp 2' Long torches		Duramax Hyamp 4' Long torches		Duramax Hyamp 6' Long torches
	45°	90°	45°	90°	90°
25'	059562	059563	059567	059568	059623
50'	059579	059580	059581	059582	059624

All Duramax Hyamp torches listed here are compatible with the Powermax45 XP, 65, 85, 105, and 125.  
All Duramax torches are compatible with the Powermax45 XP, 65, 85, and 105 only.

## Gouging consumables

Plasma gouging provides a quieter and cleaner weld removal process. Max removal gouging consumables are designed for aggressive metal removal, achieving deep gouge profiles and extreme metal washing applications. Max control gouging consumables are designed for more precise metal removal, achieving a shallow gouge profile and light washing applications.

Powermax system		Shield/deflector	Retaining cap	Nozzle	Electrode	Swirl ring
Powermax45 XP (26-45 A)	Max control gouging	420480	220854	420419	220842	220857
Powermax65 (45-65 A)	Max removal gouging	220798	220854	220797	220842	220857
	Max control gouging	420480	220854	220797	220842	220857
Powermax85 (45-85 A)	Max removal gouging	220798	220854	220797	220842	220857
	Max control gouging	420480	220854	220797	220842	220857
Powermax105 (45-105 A)	Max removal gouging	220798	220854	220797 (45 A)	220842	220994
				220797 (65 A)		
				220797 (85 A)		
	Max control gouging	420480		220991 (105 A)		
Powermax125 (65-125 A)	Max removal gouging	420112	220977	420001	220971	220997
	Max control gouging	420509				

## FineCut, marking and CopperPlus

FineCut® consumables deliver significantly improved cut quality on thin-plate metals by providing a narrower kerf with virtually no heat-affected zone and by dramatically reducing dross.

Patented CopperPlus® delivers up to 2 times longer consumable life over standard consumables and is designed exclusively for use with Duramax torches, when cutting metal 2" and under.

Marking and precision gouging consumables with the Powermax45® XP provides high-quality marking and precision removal of defects on thin gauge material.

## Duramax Hyamp Long torch sled

Cut skeletons faster and easier with the new Hypertherm torch sled for the Duramax Hyamp Long torch. This guide allows the torch to glide smoothly over the face of the skeleton.

428809



## Wheel/gantry kits

Complete, pre-assembled kits for added mobility or mounting on a cutting table gantry.

- 229370 Powermax65/85 wheel kit
- 229569 Powermax65/85 gantry kit
- 229467 Powermax105/125 wheel kit
- 229570 Powermax105/125 gantry kit

## Leather torch sheathing

Available in 25' sections, this option provides additional protection for torch leads against burn-through and abrasion.

- 024877 Black leather with Hypertherm logos

## Circle cutting guide

Quick and easy setup for accurate circles up to 28" diameter and as a stand-off guide for straight and bevel cuts. For use with Powermax® system torches. Made in USA

- 127102 Basic kit – 15" arm, wheels and pivot pin
- 027668 Deluxe kit – 11" arm, wheels, pivot pin, anchor base and plastic case
- 017053 Hyamp deluxe kit – 11" arm, wheels, pivot pin, anchor base and plastic case\*

\*For use with Hyamp torches only

## Angle cutting guide

Protractor with magnetic base holds straight or square edges to make cutting precise angles easy. Made in USA

017041

## Hyamp™ cutting and gouging gloves

Insulated for heavy duty applications. Gun-cut palm design with seamless trigger finger and extended cuff provide flexibility and protection.

- Fire resistant goatskin leather and suede
- Padded areas for extra heat and abrasion protection
- Made in USA

- 017025 Medium
- 017026 Large
- 017027 X-Large
- 017028 2X-Large

## System dust covers

Made from a flame-retardant vinyl, a dust cover will protect your Powermax system for years.

- 127144 Powermax30/30 XP
- 127469 Powermax30 AIR
- 127219 Powermax45 XP
- 127301 Powermax65/85
- 127360 Powermax105/125

## 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
- 017047\* Face shield for hard hat shade 6
- 017048\* Face shield for hard hat shade 8
- 017030 Leather neck guard (optional)
- 017029 Replacement shade 5 (for <40 A)
- 127243 Replacement shade 6 (for <60 A)
- 127105 Replacement shade 8 (for <80 A)
- 127104 Clear shield replacement
- 017046 Hard hat only (white)

\*Hard hat not included

Talk to your Hypertherm distributor today to get everything you need!

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