

Powermax85®

Duramax® hand/machine torch consumables



Minimum order quantity		1	1	5	5	1
Consumable type	Torch type	Shield/deflector	Retaining cap	Nozzle	Electrode	Swirl ring
Drag cutting (30–85 A)	Hand	220818 ²	220854	220941 ² (45 A)	220842 ² or 220777 ^{1,2}	220857
				220819 ² (65 A)		
				220816 ² (85 A)		
Quantity in kit		2	1	7	7	1
Essential cutting kit – 851468 (30–85 A)	Hand	220818	220854	220816	220842	220857



¹For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).
²Consumable available in bulk packaging. See order information below.



Minimum order quantity		1	1	5	5	1	
Consumable type	Torch type	Shield/deflector	Retaining cap	Nozzle	Electrode	Swirl ring	
Mechanized (30–85 A)	Machine	220817 ² or 220955 ³	220854 or 220953 ohmic	220941 ² (45 A)	220842 ² or 220777 ^{1,2}	220857	
				220819 ² (65 A)			
				220816 ² (85 A)			
Quantity in kit		2	1	7	4	3	
Essential cutting kit – 851469 or 851470 (ohmic) (30–85 A)	Machine	220817 (Shield)	220955 (Deflector)	220854 or 220953 ohmic	220816 ²	220842 (Cutting) 220777 (CopperPlus)	220857



¹For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).
²Consumable available in bulk packaging. See order information below.
³Deflector for unshielded cutting.



Minimum order quantity		1	1	5	5	1
Consumable type	Torch type	Shield/deflector	Retaining cap	Nozzle	Electrode	Swirl ring
Max removal gouging ⁴ (45–85 A)	Hand/Machine	220798	220854	220797 ²	220842 ²	220857
Max control gouging ⁵ (45–85 A)	Hand/Machine	420480	220854	220797 ²	220842 ²	220857

²Consumable available in bulk packaging. See order information below.
⁴The Max removal gouging shield is designed for aggressive metal removal, deep gouge profiles and extreme metal washing.
⁵The Max control gouging shield is designed for more precise metal removal, shallower gouge profiles and light metal washing.

Torch adapter

Part number	428951
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Upgrade to the revolutionary Hypertherm cartridge for Powermax® systems consumable platform with the installation of a torch adapter. See pages 46–47 to learn more.



Minimum order quantity		1	1	5	5	1
Consumable type	Torch type	Shield/deflector	Retaining cap	Nozzle	Electrode	Swirl ring
FineCut® (30–45 A)	Hand	220931	220854 or 220953 (ohmic)	220930 ²	220842 ²	220947
	Machine	220955 or 220948 (ohmic)				

²Consumable available in bulk packaging. See order information below.



Minimum order quantity		1	1	1	1	
Consumable type	Torch type	Retaining cap	Nozzle	Electrode	Swirl ring	
HyAccess drag cutting (30–65 A)	Hand	420413	420410	420408	220857	
HyAccess gouging (30–65 A)			420412			
Quantity in kit		1	1	1	2	1
HyAccess kit – 428414 (30–65 A)	Hand	420413	420410 (cutting)	420412 (gouging)	420408	220857
		HyAccess cutting only starter pack – 428445 ⁶				
		HyAccess gouging only starter pack – 428446 ⁷				

Warning: The Duramax HyAccess (65 amps and below) consumables should not be operated above 65 amps

⁶Starter pack contains 1 retaining cap (420413), 1 cutting nozzle (420410) and 1 electrode (420408)

⁷Starter pack contains 1 retaining cap (420413), 1 gouging nozzle (420412) and 1 electrode (420408)



Minimum order quantity		1	1	1	5	1
Consumable type	Torch type	Retaining ring	Retaining cap	Nozzle/shield assembly	Electrode	Swirl ring
FlushCut (30–45 A) ⁷	Hand/Machine	420540	420536	420633	420635	420634
Quantity in kit		1	1	1	1	1
FlushCut kit – 428746 (30–45 A)	Hand/Machine	420540	420536	420633	420635	420634

⁷Using the 45 amp FlushCut consumables on the Powermax85 above 45 amps will cause premature consumable damage

Duramax® consumable bulk kits

Order quantity	25	25	25	25	25	25	25	10	10
Bulk kit part number	228934	228767	228761	228762	228765	228759	228760	228763	228764
Contents	220777 electrode	220842 electrode	220930 nozzle	220797 nozzle	220941 nozzle	220819 nozzle	220816 nozzle	220817 shield	220818 shield



See page 44 for current system part number information.