

Powermax105®

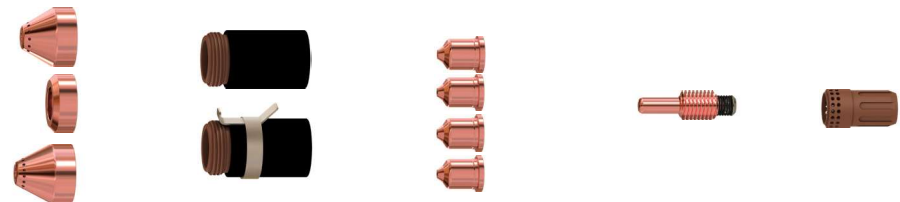
Duramax® hand/machine torch consumables



Minimum order quantity		1	1	5	5	1
Consumable type	Torch type	Shield/deflector	Retaining cap	Nozzle	Electrode	Swirl ring
Drag-cutting (30-105 A)	Hand	220818 ² (45 A)	220854	220941 ² (45 A)	220842 ² or 220777 ^{1,2}	220994
		220818 ² (65 A)		220819 ² (65 A)		
		220818 ² (85 A)		220816 ² (85 A)		
		220992 ² (105 A)		220990 (105 A)		
Quantity in kit		2	1	7	7	1
Essential cutting kit – 851471 (30-105 A)	Hand	220992	220854	220990	220842	220994



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 (30-105 A)	Machine	220817 ² or 220955 ³ (45 A)	220854 or 220953 ohmic	220941 ² (45 A)	220842 ² or 220777 ^{1,2}	220994					
		220817 ² or 220955 ³ (65 A)		220819 ² (65 A)							
		220817 ² or 220955 ³ (85 A)		220816 ² (85 A)							
		220993 ² or 220955 ³ (105 A)		220990 ² (105 A)							
Quantity in kit		1	1	7	4	3					
Essential cutting kit – 851472 or 851473 (ohmic) (30-105 A)	Machine	220817 (Shield)	220955 (Deflector)	220993 105 A (Shield)	220854 or 220953 ohmic	220990 (85-105 A)	220819 (65 A)	220816 (85 A)	220842 (Cutting)	220777 (CopperPlus)	220994



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 (45-105 A)	Hand/Machine	220798	220854	220797 (45 A)	220842 ²	220994
Max control gouging ⁵ (45-105 A)	Hand/Machine			220797 (65 A)		
				220797 (85 A)		
				220991 (105 A)		

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.



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	1
Consumable type	Torch type	Retaining cap	Nozzle	Electrode	Swirl ring	
HyAccess drag-cutting (30–65 A)	Hand	420413	420410	420408	220857 or 220994	
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 ⁵ HyAccess gouging only starter pack – 428446 ⁵						

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

⁵Starter pack contains 1 retaining cap (420413), 1 cutting nozzle (420410) and 1 electrode (420408)

⁵Starter 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) ²	Hand/Machine	420540	420536	420633	420635	420634
FlushCut (65–105 A) ²	Hand/Machine	420540	420536	420533	220842 or 220777 ¹	420539
Quantity in kit		1	1	1	1	1
FlushCut kit – 428647 (65–105 A)	Hand/Machine	420540	420536	420533	220842	420539

¹For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).

²Using the 45 amp FlushCut consumables on the Powermax105 above 45 amps will cause premature consumable damage.

Duramax® consumable bulk kits

Order quantity	25	25	25	25	25	25	25	25	25	10	10	10	10
Bulk kit part number	228934	228767	228760	228759	228761	228762	228765	228797	228796	228798	228799	228763	228764
Contents	220777 electrode	220842 electrode	220816 nozzle	220819 nozzle	220930 nozzle	220797 nozzle	220941 nozzle	220990 nozzle	220991 nozzle	220992 shield	220993 shield	220817 shield	220818 shield



See pages 64–65 for current system part number information.