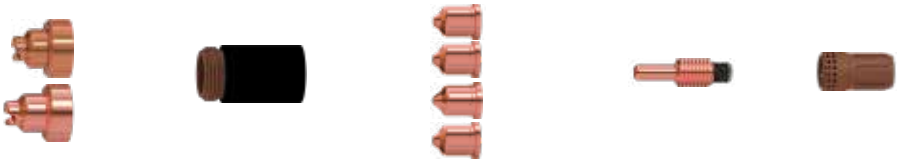
Powermax45 XP/65/85/105®

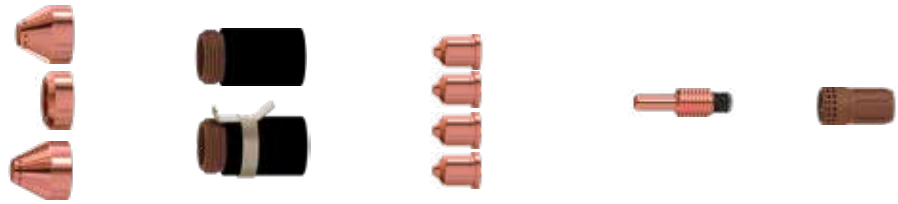
Please note Duramax consumables are also compatible for use with the MAX42, MAX43, Powermax600, Powermax800, Powermax900, Powermax1000, Powermax1250, and Powermax1650 using Duramax RT torches. Duramax consumables are also compatible with the Powermax45 using the optional Duramax torch.



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



[1]For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).
[2]Consumable 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	1	1	7			4	3	1
Essential cutting kit – 851472	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



[1]For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).
[2]Consumable available in bulk packaging. See order information below.
[3]Deflector 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
				220797 (65 A)		
Max control gouging[5] (45–105 A)	Hand/Machine	420480		220797 (85 A)		
				220991 (105 A)		

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

Powermax45 XP/65/85/105® (continued)

Please note Duramax consumables are also compatible for use with the MAX42, MAX43, Powermax600, Powermax800, Powermax900, Powermax1000, Powermax1250, and Powermax1650 using Duramax RT torches. Duramax consumables are also compatible with the Powermax45 using the optional Duramax torch.



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)				

[2]Consumable 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 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[6] HyAccess gouging only starter pack – 428446[7]				



Warning: The Duramax HyAccess (65 amps and below) consumables should not be operated above 65 amps
[6]Starter pack contains 1 retaining cap (420413), 1 cutting nozzle (420410) and 1 electrode (420408)
[7]Starter 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

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

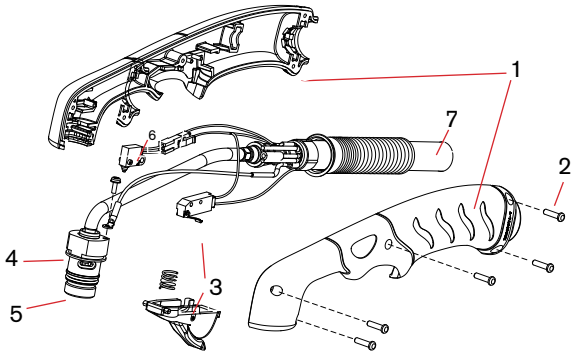
Upgrade to the revolutionary Powermax cartridge for Powermax® systems consumable platform with the installation of a retrofit torch or adapter. See pages 34–35 to learn more.



Duramax® 75° hand torch parts

For use with the Powermax45® XP, and Powermax65/85/105. The Duramax torch series is an optional torch upgrade for Powermax45 systems.





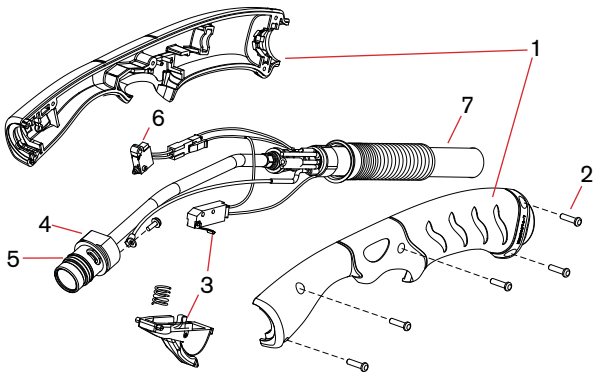
Duramax 75° hand torch assembly

Item	Kit/Part number	Description
	059473	Duramax 75° hand torch assembly with 7.6 m (25') lead
	059474	Duramax 75° hand torch assembly with 15.2 m (50') lead
	059475	Duramax 75° hand torch assembly with 22.8 m (75') lead
1	228954	Kit: Duramax 75°/HRT Torch handle replacement
2	075714	Handle screws, #4 x 1/2 slotted TORX pan head, S/B
3	228721	Kit: Duramax 75°/Duramax 15°/HRT/HRTs (spring and trigger assembly)
4	228714	Kit: Duramax 75° Torch main body replacement (3/8" coupler)
4	228958	Kit: Duramax 75° Torch main body replacment (1/2" coupler)
5	058519	O-ring
6	228719	Kit: Duramax 75° Cap-sensor switch replacement
7	228959	Kit: Duramax 75° Torch lead replacement, 7.6 m (25')
7	228960	Kit: Duramax 75° Torch lead replacement, 15.2 m (50')
	228300	Work lead with clamp, 6.1 m (20')
	228307	Work lead with clamp, 15.2 m (50')

Duramax® 15° hand torch parts

For use with the Powermax45® XP, and Powermax65/85/105. The Duramax torch series is an optional torch upgrade for Powermax45 systems.





Duramax 15° hand torch assembly

Item	Kit/Part number	Description
	059470	Duramax 15° hand torch assembly with 7.6 m (25') lead
	059471	Duramax 15° hand torch assembly with 15.2 m (50') lead
	059472	Duramax 15° hand torch assembly with 22.8 m (75') lead
1	228955	Kit: Duramax 15° Torch handle replacement
2	075714[1]	Handle screws, #4 x 1/2 slotted TORX pan head, S/B
3	228721	Kit: Duramax 15°/Duramax 75°/HRT/HRTs (spring and trigger assembly)
4	228715[1]	Kit: Duramax 15° Torch main body replacement (3/8" coupler)
4	228957[1]	Kit: Duramax 15° Torch main body replacement (1/2" coupler)
5	058519	O-ring
6	228109	Kit: Duramax 15° Cap-sensor switch replacement
7	228959[1]	Kit: Duramax 15° Torch lead replacement, 7.6 m (25')
7	228960[1]	Kit: Duramax 15° Torch lead replacement, 15.2 m (50')
	228300	Work lead with clamp, 6.1 m (20')
	228307	Work lead with clamp, 15.2 m (50')