HYPERTHERM® POWERMAX®

Plasma systems, cartridges and torch consumables



Choose Your Setup

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Ordering & Technical Support

Use the order code and select the exact configuration needed for the job.

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HYPERTHERM®

Powermax® Plasma Systems

Compare recommended cut capacity, power supply and duty cycle for the exact package.



Powermax30® AIR



Powermax33® XP



Powermax45 SYNC®



Powermax65 SYNC®



Powermax85 SYNC®



Powermax105 SYNC®



Powermax125®

Order code	Powermax®	Cut	Supply	Output and duty cycle	Weight
HYP-088098	Powermax30® AIR	8mm	120–240V	15–30A · 30A at 35% on 200–240V or 20% on 120V	13.4kg with torch
HYP-088591	Powermax33® XP	13mm	120–240V	15–33A · 35% at 240V · 20% at 120V	9.5kg with 4.5m torch
HYP-088568	Powermax45 SYNC®	16mm	230V	9–45A · 45A at 50% on 230V	15kg with 6.1m torch
HYP-083357	Powermax65 SYNC®	20mm	380–400V three-phase	20–65A · 65A at 50% on 380–400V	24.1kg with 7.6m torch per datasheet
HYP-087196	Powermax85 SYNC®	25mm	400V	25–85A · 85A at 60% on 380–400V	23.5kg with 7.6m torch
HYP-059679	Powermax105® SYNC	32mm	230–400V three-phase	30–105A · 105A at 80% on 400V	42.7kg with 7.6m torch for 230–400V version
HYP-059526	Powermax125®	38mm	400V	30–125A · 125A at 100% on 400V	49kg · 400V CE package

Recommended cut capacities. Duty cycles are rated at 40°C. The 30 AIR has an onboard compressor. The 33 XP needs external air. Model names link to technical literature.

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Cartridges & Consumable Kits

Select a cartridge by torch and task. Order an essential kit by the machine and handheld or mechanised torch.



HYP-428984



HYP-428952



HYP-428932



HYP-428927

Order code	Product
HYP-428984	65A HyAccess drag cutting
HYP-428952	65A FlushCut
HYP-428932	Cartridge: SmartSYNC® or Adapter - Max Removal Gouging
HYP-428927	Cartridge: SmartSYNC® or Adapter - Drag Cutting
HYP-851475	Powermax125® Essential Mechanized 125A Cutting Consumable Kit
HYP-851474	Powermax125® Essential Handheld 125A Cutting Consumable Kit
HYP-851479	Powermax30® Essential Handheld 30A Cutting Consumable Kit
HYP-851462	Powermax30® Air Essential Handheld 30A Cutting Consumable Kit

See product specifications

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AIR T30 & Duramax® LT

The two compact torch families use different components. Use the torch identification and cut chart to choose the nozzle, electrode and retaining cap.



HYP-420135



HYP-420114



HYP-420211



HYP-420133

Order code	Product
HYP-420135	Retaining Cap AIR T30 15-30A
HYP-420114	Retaining Cap Duramax® LT 15-30 A
HYP-420211	Swirl Ring Duramax® LT 15-30A
HYP-420133	Swirl Ring AIR T30 15-30A
HYP-420116	Shield Duramax® LT 15-30A
HYP-420134	Nozzle AIR T30 15-30A
HYP-420132	Electrode AIR T30 15-30A
HYP-420120	Electrode Duramax® LT 15-30A
HYP-420118	Nozzle Duramax® LT 15-30A Standard Cutting
HYP-420399	Deflector AIR T30 15-30A

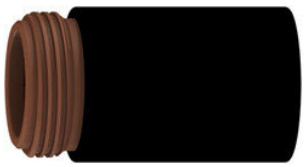
See product specifications

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Duramax®, Duramax® Lock & T45

Check the torch family and the cut or gouge setup. Select nozzle and shield by amperage and application.



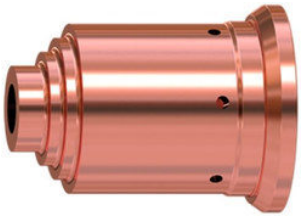
HYP-220854



HYP-220994



HYP-220857



HYP-220991

Order code	Product
HYP-220854	Retaining Cap Duramax® and Duramax® Lock 10-105A
HYP-220994	Swirl Ring Duramax® 30-105A
HYP-220857	Swirl Ring Duramax® and Duramax® Lock 10-85A
HYP-220991	Nozzle Duramax® 105A Gouging
HYP-220669	Electrode T45w/m 15-45A
HYP-220842	Electrode Duramax® and Duramax® Lock 10-105A
HYP-220990	Nozzle Duramax® 105A Cutting
HYP-220819	Nozzle Duramax® 65A Cutting
HYP-220816	Nozzle Duramax® 85A Cutting
HYP-220941	Nozzle Duramax® and Duramax® Lock 45A
HYP-220671	Nozzle T45w/m 15-45A
HYP-220817	Shield Duramax® and Duramax® Lock 15-85A Mechanised Cutting
HYP-220798	Shield Duramax® 45-105A Max Removal Gouging
HYP-220992	Shield Duramax® 30-105A Handheld
HYP-220818	Shield Duramax® and Duramax® Lock 15-85A Drag Cutting

See product specifications

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Duramax® Hyamp™

Specify the cutting current and whether the torch is handheld or mechanised. The shield and nozzle must match the application.



HYP-220977



HYP-220997



HYP-420168



HYP-220976

Order code	Product
HYP-220977	Retaining Cap Duramax® Hyamp™ 30-125A
HYP-220997	Swirl Ring Duramax® Hyamp™ 30-125A
HYP-420168	Shield Duramax® Hyamp™ 45-65A Mechanised
HYP-220976	Shield Duramax® Hyamp™ 105-125A Mechanised
HYP-220975	Nozzle Duramax® Hyamp™ 125A
HYP-220971	Electrode Duramax® Hyamp™ 30-125A
HYP-420169	Nozzle Duramax® Hyamp™ 65A
HYP-420158	Nozzle Duramax® Hyamp™ 45A

See product specifications

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