

XPS® 350/450

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**MIG Arc Welding
Power Source**



Quick Specs



Applications
Maintenance Repair
Structural Steels
Commercial Trailer
Manufacturing

Process
MIG
Flux Cored

Input Power: 400 V, 3 Phase, 50 Hz
Rated Output: XPS 350: 350 A at 45% DC
XPS 450: 450 A at 50% DC
Weight: XPS 350: 128 kg
XPS 450: 158 kg

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The Power of Blue.®

Traditional tapped transformer power source Simple, and precise, enabling the operator to obtain the desired arc voltage with ease. The 350 amps model has 30 steps. The 450 amp model has 40 steps providing even greater flexibility for the operator.

Fan On Demand™ (except XPS 350 Base) Energy efficient design, keeps power source internal components cleaner, reducing maintenance.

Thermal overload protection Shuts down the power source output, if overheating of either the main transformer or rectifier occurs.

115VAC Auxiliary power receptacles Auxiliary power for Miller water-cooling systems. (except XPS 350 Base)

Standard 14 Pin connection to Miller wire feed units Connects any Miller wire feeder to a XPS 350/450.

Industrial running gear (included) and cylinder rack (optional) allow the operator easy manoeuvrability of the XPS and ancillaries such as a wire feed unit, water cooling system and gas cylinder.



Dual digital meters with hold function Displays clear, precise readings of arc voltage & amperage. Displays have a hold feature enabling the last parameters to be viewed after welding has stopped.

Two inductance terminals & Laminated Inductor Provides a stable, smooth Arc operators appreciate.



ST 24 Series wire feed unit compliments the XPS series by combining a tough, rugged 4 roll drive wire feeder, to the new efficient power source.



Power source is warranted for 3 years, parts and labour.
Original main power rectified parts are warranted for 5 years.



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Specifications



Model	Rated Output	Max. Open-Circuit Voltage	Voltage Range	Amps Input at Rated Load Output, 50Hz 230/400V	Dimensions	Weight
XPS 350	350 A, 31,5 VDC 45% Duty Cycle	43 V	17 - 43 V	40/23 A	H: 930 mm W: 570 mm D: 860 mm	128 kg
XPS 450	450 A, 36,5 VDC 50% Duty Cycle	47 V	16 - 47 V	56/32 A	H: 930 mm W: 570 mm D: 860 mm	158 kg

Ordering Information

	Stock No.	Description
XPS 350 Base Includes heavy-duty ground cable and clamp	029 015 531	400 V, 3 Phase, 50 Hz
XPS 350 Deluxe Includes heavy-duty ground cable and clamp	029 015 528	400 V, 3 Phase, 50 Hz with Aux. Power, Digital Meters and Fan On Demand, with 115 V for water-cooler
XPS 450 Base Includes heavy-duty ground cable and clamp	029 015 532	400 V, 3 Phase, 50 Hz with 115 V for water-cooler
XPS 450 Deluxe Includes heavy-duty ground cable and clamp	029 015 529	400 V, 3 Phase, 50 Hz with Aux. Power, Digital Meters and Fan On Demand, with 115 V for water-cooler
Accessories		
Cylinder rack	058 066 064	For one cylinder
Cylinder rack	058 066 065	For one cylinder and one water-cooler
ST 24	029 007 395	Basic wire feeder, 4 rolls
ST 24	029 007 397	Digital wire feeder, 4 rolls
ST 44	029 007 406	Basic wire feeder, 4 rolls
ST 44	029 007 404	Digital wire feeder, 4 rolls
Interconnection Cable	058 019 028	3 m, air-cooled
	058 019 044	5 m, air-cooled
	058 019 039	10 m, air-cooled
	058 019 055	15 m, air-cooled
	058 019 032	3 m, water-cooled
	058 019 033	5 m, water-cooled
	058 019 046	10 m, water-cooled
	058 019 056	15 m, water-cooled
Hydramate 1	028 042 097	115 VAC, 50/60 Hz (only for 115 V)
BlueLiquid	050 024 004	Coolant, can 10 l
Bernard Gun	Q30 12AE 8DE	300 A, 3,7 m air-cooled
	Q40 12AE 8EE	400 A, 3,7 m air-cooled
	D40 12BB 8EE	400 A, 3,7 m water-cooled