

# XPS® 350/450 DX

August 2010 • Index No. DCM/34.0

**MIG Arc Welding  
Power Source**



## Quick Specs



**Applications**  
Maintenance Repair  
Structural Steels  
Commercial Trailer  
Manufacturing

**Process**  
MIG  
Flux Cored

**Input Power:** 230/400 V, 3 Phase, 50Hz

**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

**S IP 22**

## 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 amp model has 30 steps. The 450 amp model has 40 steps providing even greater flexibility for the operator.

**Fan On Demand™** (option)  
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. (option)

**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. (option)

**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. (option)



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



## 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
<b>XPS 350</b> Includes heavy-duty ground cable and clamp	<b>029 015 528</b>	400 V, 3 Phase, 50 Hz with Aux. Power, Digital Meters and Fan On Demand
<b>XPS 450</b> Includes heavy-duty ground cable and clamp	<b>029 015 529</b>	400 V, 3 Phase, 50 Hz with Aux. Power, Digital Meters and Fan On Demand
<b>Accessories</b>		
Cylinder rack	<b>058 066 064</b>	For one cylinder
Cylinder rack	<b>058 066 065</b>	For one cylinder and one water-cooler
ST 24	<b>029 007 395</b>	Basic wire feeder, 4 rolls
ST 44	<b>029 007 406</b>	Basic wire feeder, 4 rolls
ST 44	<b>029 007 404</b>	Digital wire feeder, 4 rolls
Interconnection Cable	<b>058 019 028</b>	3 m, air-cooled
	<b>058 019 032</b>	3 m, water-cooled
Hydramate 1	<b>028 042 097</b>	115 VAC, 50/60 Hz
BlueLiquid	<b>050 024 004</b>	Coolant, can 10 l
Bernard Gun	<b>Q30 12AE 8DE</b>	300 A, 3,7 m air-cooled
	<b>Q40 12AE 8EE</b>	400 A, 3,7 m air-cooled
	<b>D40 12BB 8EE</b>	400 A, 3,7 m water-cooled