

XMS 425 MPa Synergic welding system

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**Multiprocess
Welding System** 

**Quick
Specs**



Applications

Construction
Shipbuilding
Rental Fleets
Fabrication
Maintenance Repair

Process

MIG
Pulsed MIG
Double Pulsed MIG
TIG
Stick

IP 23

Input Power: 230-460 V, 3 Phase

Rated Output: 5 - 425 A
350 A 34VDC, 60% DC

Wire Feed Speed: 1,27-25,4 m/min.

Weight:
Power Source: 52,5 kg
Feeder: 18 kg
Cooler: 25 kg

Enhanced Pulsed MIG and Double Pulse Capabilities Reduces spatter and distortion, allows better out-of-position puddle control. Double pulse further improves bead shape and minimises heat distortion of the work piece.

Simple User Interfaces Reduces the number of control set up combinations without reducing features & performance in MIG, TIG and STICK Welding. Easy setting of Pulsed and Double Pulsed MIG as well.

Large, digital meters Easy to view and are presettable for easy setting of the weld output. Actual current and voltage measurements during welding allows better control of the weld bead.

Integrated Water-cooling system provides efficient cooling with low-flow shutdown for both MIG and TIG applications.

Flexible design allowing air-cooled and water-cooled configurations.



Inverter arc control technology Provides the operator with state-of-the-art class leading performance on a wide variety of materials.

Fan on Demand™ power source cooling system operates only when needed, reducing noise, energy use and the amount of contaminants pulled through the machine.

Wind Tunnel Technology™ protects internal electrical components from airborne contaminants, extending the product life.

Factory-installed running gear (optional) features two heavy-duty 250 mm wheels and two 100 mm rubber swivel casters for maximum maneuverability.

System shown includes power source, feeder, cooler, trolley, feeder swivel, handle kit and Bernard E4215 MIG torch (components sold separately)



Power source is warranted for 3 years, parts and labour.



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Specifications XMS 425 MPa power source



Rated Output	Amps Input at Rated Load Output, 50Hz 400V	Wire Type and Diameter	Max. Open-Circuit Voltage	Dimensions	Weight
350 A at 34 VDC 60% Duty Cycle	20,6 A	0.8-1.6 mm Solid Steel Aluminum Flux Cored	75 V	H: 597 mm W: 349 mm D: 560 mm	52,5 kg

Specifications XMS MPa feeder



Supply	Wire Size	Wire Feed Speed	Dimensions	Weight
24 VAC, 7 A, 50/60 Hz	1,27 - 25,4 m/min	0.8 -1.6 mm	H: 425 mm W: 235 mm D: 700 mm	18 kg

Drive Rolls & Drive Roll Kits

Wire Size	V- groof kit	V- groof knurled	V- groof Only	Wire Guides		U- groof kit	U- groof kit knurled	Nylon Wire Guides	
				Inlet Guide	Intermediate			Inlet Guide	Intermediate
0,8 mm	046 780			056 192	056 206				
0,8/1,0 mm			203 526	056 193	056 207				
1,0/1,2 mm			189 285	056 193	056 207				
1,2 mm	046 782	046 793		056 193	056 207	046 785	083 319	058 854	058 853
1,3/1,4 mm	046 783	046 794		056 195	056 209	046 786	083 320	058 836	058 837

Ordering Information

	Stock No.	Description
XMS 425 MPa	029 015 507	Inverter Powersource 230-460 VAC 3 Phase, 50/60 Hz
XMS MPa Feeder	029 007 427	Wire feeder 4 rolls
Accessories		
Drive Roll Kit		See Drive Roll Kits table above
Bernard BTB MIG Guns	Q4015TE3EEQ	400 A, 4,6 m air-cooled
	E4215-45-5-445-Q	400 A, 4,6 m water-cooled
	057 014 151	400 A, 5 m Work Cable with Clamp
XMS MPa Cooler	028 040 215	Coolant System 115 VAC
Universal Trolley	018 035 028	
Interconnection Cable	058 019 236	5 m, water-cooled
	058 019 239	10 m, water-cooled
	058 019 240	15 m, water-cooled
Wheel Kit	V28 066 182	For feeder
Feeder Swivel	028 066 300	
Handle Kit	058 066 130	For XMS/Dynasty/Maxstar with universal trolley
Middle Support Plate	058 066 127	Elevated support plate to be used when configuring an air-cooled system
BlueLiquid	050 024 004	Coolant, can 10 l

