

XMS™ 403 Synergic welding system

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**MIG Arc Welding
Power Source**



**Quick
Specs**



Applications

Construction
Shipbuilding
Rental Fleets
Fabrication
Maintenance Repair

Process

MIG
Pulsed MIG
Double Pulsed MIG
TIG
Stick

IP 23

Input Power: 400 V, 3 Phase

Rated Output: 25 - 400 A
300 A 32VDC, 60% DC

Wire Feed Speed: 1-20 m/min.

Weight: XMS 403: 86 kg
XMS 44: 23 kg

The Power of Blue.®



Industrial, 4-roll wire drive system

Heavy-duty motor & drive assemble, more durable than low cost plastic systems, provides positive wire feeding.

With quick change drive rolls

and double pressure control of drive rolls for all wire hardness.

Inverter arc control technology

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

Line voltage compensation

keeps power constant even if primary power input varies by $\pm 10\%$.

Integrated Water cooling system

Provides efficient, discrete cooling for MIG gun or TIG torch with added protection of low pressure shutdown. External Connections and Cables are reduced and the welding system is arranged for easier use.



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, dual 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.

Microprocessor Controlled

32 bit powerful microprocessor controls welding arc in any working condition and allows easy setting and updating. More than 100 customized welding programs can be memorized by the welder.



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



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Specifications XMS 403



Rated Output	Amps Input at Rated Load Output, 50Hz 400V	Wire Type and Diameter	Max. Open-Circuit Voltage	Dimensions	Weight
300 A at 32 VDC 60% Duty Cycle	17 A	0.8-1.2 mm Solid Steel Aluminum Flux Cored	90 V	H: 860 mm W: 490 mm D: 990 mm	86 kg

Specifications XMS 44



Supply	Wire Size	Wire Feed Speed	Dimensions	Weight
24 VAC, 7 A, 50/60 Hz	1 - 20 m/min	0.8 -1.4 mm	H: 440 mm W: 230 mm D: 640 mm	21 kg

Drive Rolls & Drive Roll Kits

Wire Size	V- groove kit	V- groove knurled	V- groove Only	Wire Guides		U- groove kit	U- groove 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

* Supplied

Ordering Information

	Stock No.	Description
XMS 403	029 015 483	Inverter Powersource 400 VAC 3 Phase, 50/60 Hz
XMS 44	029 007 424	Wire feeder 4 rolls
Accessories		
Drive Roll Kit		See Drive Roll Kits table above
Bernard MIG Guns	D40 12BB 8EE	400 A, 3,7 m water-cooled
	D40 15BB 8EE	400 A, 4,6 m water-cooled
	PPW 402-1.2-008M	400 A, 8 m water-cooled Push Pull
XM .1	028 040 215	Remote Control
Remote Cable	V57 014 209	5 m
Interconnection Cable	058 019 140	5 m, water-cooled
	058 019 141	10 m, water-cooled
	058 019 142	15 m, water-cooled
Running Gear	V28 066 182	For feeder XMS 44
Turn Table	156 012 136	
Elga Maxex	471 500 00	Gasregulator with 2 manometers Argonmix gas (2-30 ltr) Gas Cylinder Connection 24,32 x 14/1" - 3/8"R
BlueLiquid	050 024 004	Coolant, can 10 l

