



Quick Specs



Applications

Construction Equipment
Automotive Components
Recreational Vehicles
Farm Machinery
Office Furniture
Mining Machinery

Process

MIG/ Pulsed MIG
Multi MIG ,Accu-Pulse MIG,
Accu-Speed, Accu-Curve
Fluxcored wire, Gouging
RMD (Option)
Regulated Metal Deposition

S IP 23C

Input Power:

208-575 VAC, 3 Phase

Rated Output:

300: 5 – 400 A
300 A 60% DC 40° C
450: 5 – 600 A
450 A 60% DC 40° C

Weight:

300: 52,6 kg
450: 73,9 kg

The Power of Blue.[®]



Auto-Line™ allows for any input voltage hookup (190-630 V) with no manual linking. Assures rock-solid, consistent output on fluctuating primary lines.

„**Axcess**“ the ability to accommodate welding data file exchange through downloadable upgrades and new hybrid welding processes using e-mail, or the Web and a Palm™ handheld (PDA).

Flexible, Expandable and Upgrade-able Multi-MIG capable welding systems are precise, digitally controlled and software-driven.

Axcess Feeder.

SureStart™

Provides consistent arc starts by electronically assuring a ball is not left on the wire when welding is stopped. This provides a predictable condition for the next arc start and combines this with precisely tuned arc starting routines.

Axcess digital control technology combined with inverter welding power source is designed to reduce complexity of a semi-automatic or robotic pulsed MIG system, simplify installation and provide superior welding performance.



Accu-Puls™

- Shorter arc lengths possible
- Better puddle control
- Less audible noise
- No arc wandering in tight corners
- Narrow arc plasma column
- Allows weld to fill in at toes increasing travel speed and deposition

Accu-Curve

- “Softer” feel than Accu-Pulse
- Maintains tight arc lengths
- Maintains better puddle control

Accu-Speed

- Up to 20% greater travel speed than Accu-Pulse
- Lower average voltage/ampere than Accu-Pulse
- Tight, driving arc
- Remains stable at higher travel speeds

Axcess Software RMD (optional)

- Weld suited to thin materials
- Can replace TIG process in some applications
- Gap filling
- Spatter reduction
- Provides less heat into work piece
- Use larger diameter wire on thin materials.



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

MADE IN USA
APPLETON, WI



ITW Welding Products

Edisonstraat 10
3261 LD Oud-Beijerland
The Netherlands

Contact

Tel.: +31 (0) 186 641 444
Fax: +31 (0) 186 640 880

info@itw-welding.com
www.itw-welding.com



Specifications



Model	Rated Output	Voltage Range	Amperage Range	Max. Open-Circuit Voltage	Dimensions	Weight
Axxess 300	300 A at 60% Duty Cycle	10 - 44 V	5 – 400 A	80 VDC	H: 584 mm W: 432 mm D: 572 mm	52,6 kg
Axxess 450	450 A at 100% Duty Cycle	10 - 44 V	5 – 600 A	80 VDC	H: 787 mm W: 432 mm D: 572 mm	73,9 kg

Ordering Information

Power Source	Stock No.	Description
Axxess 300	907 348	Power source
Axxess 450	907 275	Power source
	907 275 011	Power source, with RMD software
Axxess Wire feeder unit	195 182 011	
Accessories		
Device Net Interconnecting Feeder Control Cable	242 209 005	Length 1,5 m
	242 209 010	Length 3,0 m
	242 209 025	Length 7,6 m
	242 209 050	Length 15,2 m
	242 209 080	Length 22,9 m
	242 209 100	Length 30,5 m
Palm PDA software	195 249	File management (required Palm handheld, not included)
	195 250	Wave Writer (with wave shaping, required Palm handheld, not included)
Coolmate V3	043 009 012	Cooler 115 VAC
BlueLiquid	050 024 004	Coolant, can 10 l
RG 75	018 035 022	Cart, holds one cylinder, cooler, machine and feeder
Weld Cable Adapter	232 728	Threaded Stud to Dinse 50/70 mm ²
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
Turn table	146 236	For Axxess feeder