

Deltaweld® Serie

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**MIG Arc Welding
Power Source**



Quick Specs



Applications

Heavy Equipment Manufacturing
Truck and Trailer Manufacturing
Ship and Boat Building
Tank/Pressure Vessel Fabrication
Manufacture of Automotive Equipment
Railcar/Locomotive Fabrication and Repair
Furniture Manufacturing
Structural Steel Fabrication
Sheet Metal Fabrication und Maintenance

Proces

MIG
Flux Cored
Cutting and
Gouging
Submerged Arc

S IP 21M

Input Power: 380/400/440 VAC, 3- Phase

Rated Output:
402: 300 A 100 % DC 40°C
602: 450 A 100 % DC 40°C
852: 650 A 100 % DC 40°C

Weight:
402: 147 kg
602: 174 kg
852: 214 kg

The Power of Blue.®

Superior arc welding performance with MIG welding.

Internal digital voltage control (DVC) enables operator to preset weld voltage before striking an arc.

Two positive output terminals provide high/low stabilizer selection.

Line voltage compensation ensures consistent weld performance by keeping output power constant even if primary input power varies by $\pm 10\%$.

Simple control panel provides easy, efficient operation.

Digital voltmeter and ammeter are easy to read.

Thermal overload protection light indicates power shutdown. Helps prevent machine damage if the duty cycle is exceeded or airflow is blocked.



14-pin receptacle provides quick, direct connection to Miller 14-pin wire feeders and accessories. Remote voltage control allows operator to change voltage from feeder.

115 VAC, 15 A auxiliary power For connecting water cooler or tools.

Power efficient for exceptional value and return on your investment.

Fan on Demand™ operates only when needed reducing noise, power consumption, and the amount of airborne contaminants pulled through the machine.

Enclosed circuit boards provide additional protection from contaminants resulting in longer service life.

PC board protection prevents the wire feeder power or other stray voltages (less than 115 VAC) from harming the power source PC board.



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

MADE IN USA
APPLETON, WI



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Specifications



Model	Rated Output	Voltage Range	Recommended Welding Range	Max. Open-Circuit Voltage	Dimensions	Weight
402	300 A at 100 % Duty Cycle	10 – 32 V	15 – 32 V	42 V	H: 762 mm W: 585 mm D: 775 mm	147 kg
602	450 A at 100 % Duty Cycle	10 – 38 V	15 – 38 V	48 V	H: 762 mm W: 585 mm D: 996 mm	174 kg
852	650 A at 100 % Duty Cycle	10 – 44 V	15 – 44 V	54 V	H: 762 mm W: 585 mm D: 996 mm	214 kg

Ordering Information

Power Source	Stock No.	Description
Deltaweld 402	907 357	380/ 400/440 VAC, 50/60 Hz
Deltaweld 602	907 358	380/ 400/440 VAC, 50/60 Hz
Deltaweld 852	907 359	380 /400/440 VAC, 50/60 Hz
Accessories		
Running Gear	042 886	Standard , 254 mm rear wheels and 127 mm front casters
Cylinder Rack	042 887	Installs on standard running gear 042886 only
Coolmate V3	043 009 012	Cooler 115 VAC
BlueLiquid	050 024 004	Coolant, can 10 l
Wire Feeders		See Quick Specs
Air filter kit	042 939	Option
Ground Current Sensor	195 048	Option
Polarity Control	042 871	Mechanical, option
Weld Cable Adapter	232 728	Threaded Stud to Dinse 50/70 mm ²
Primary Power Cable		On request
Work Cable		On request