

Gold Star® Serie

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Stick Welding
Power Source



Quick Specs



Applications

Construction
Pipe Welding
Tank Fabrication
Shipbuilding
Foundries
Maintenance/Repair
Refineries

Process

Stick
Air Carbon Arc
Cutting and Gouging
Flux Cored
MIG Spray Transfer when using a Voltage-Sensing Wire Feeder

Input Power:

380/400/440 VAC, 3-Phase

Rated Output:

402: 15 - 395 A
300 A 60% DC 40 °C
602: 20 - 590 A
450 A 60% DC 40 °C
852: 50 - 850 A
650 A 60% DC 40 °C

Weight:

402: 160 kg
602: 183 kg
852: 229 kg

S IP 21M

The Power of Blue.®

Superior arc welding performance with Stick, TIG, Cutting and Gouging.

Built-in arc control lets you get in tight without sticking the electrode. An electrode compensation circuit ensures consistent arc control performance regardless of the electrode size.

Hot Start™ makes it easier to start difficult-to-start Stick electrodes such as E-6010 and E-7018.

Simple control panel features single range amperage adjustment. Provides easy, efficient operation.

Optional digital meters for voltage and amperage. Large displays are easy to read, even at 30 ft (9.2m).

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



115 VAC duplex receptacle provides 15 amps of auxiliary power.

14-pin receptacle provides quick, direct connection to Miller 14-pin remote controls and switches.

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

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

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	Max. Open-Circuit Voltage	Amps Input at Rated Output	Dimensions	Weight
402	15 – 395 A 300 A at 60 % Duty Cycle	72 V	33 A	H: 762 mm W: 585 mm D: 775 mm	160 kg
602	20 – 590 A 450 A at 60 % Duty Cycle	72 V	51 A	H: 762 mm W: 585 mm D: 966 mm	183 kg
852	50 – 850 A 650 A at 60 % Duty Cycle	72 V	71 A	H: 762 mm W: 585 mm D: 966 mm	229 kg

Ordering Information

Power Source	Stock No.	Description
Goldstar 402	907 362	380/400/440 V, 3 - Phase, 50/60 Hz
Goldstar 602	907 363	380/400/440 V, 3 - Phase, 50/60 Hz
Goldstar 852	907 364	380/400/440 V, 3 - Phase, 50/60 Hz
Toebehoren		
Running Gear	042 886	Standard with 2 large rear wheels and 2 front casters
Digital Meters	300 359	Voltage and Amperage display
HF 5000	V29 012 345	HF Arc Starter for TIG 115 VAC
RHC – 14	242 211 020	Hand remote control with 6 m
PRHC - 14	028 050 25	Special hand remote controle with magnet, 25 m
Air Filter Kit	042 939	Reducing contamination
Ground Current Sensor	195 048	Ground voltage protection
Adapter	232 728	Threaded Stud to Dinse 50/70 mm ²
Power Line Cable		On request (cable not standard on machine)
Welding cable sets, including electrode holder and clamp, Dinse connectors	058 066 041	Welding cable set, length 5 m, 50 mm ²
	058 066 042	Welding cable set, length 10 m, 50 mm ²
	058 066 043	Welding cable set, length 15 m, 50 mm ²
	058 066 044	Welding cable set, length 20 m, 50 mm ²
	058 066 045	Welding cable set, length 5 m, 70 mm ²
	058 066 046	Welding cable set, length 10 m, 70 mm ²
	058 066 047	Welding cable set, length 15 m, 70 mm ²
	058 066 048	Welding cable set, length 20 m, 70 mm ²



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