

Workhorse 300SMT - CC/CV

300-Amp Pre-settable Inverter Power Source For
Stick / Lift Start TIG / MIG & Flux-Cored Welding



- Portable and Lightweight for Industrial Welding
- 400 Amps at 36 VDC Maximum
- 300 Amps at 32 VDC 60% Duty Cycle
- 250 Amps at 30 VDC 100% Duty Cycle

FEATURES & BENEFITS

- A Fully Pre-settable CC/CV Multi-process Inverter
- Reliable **SCR** Construction
- Smooth Stable Arc
- High Power Efficiency
- Multiple Zones of Thermal Protection
- Current/Time controlled cooling
- Lift Start TIG ignition allows contact between the material and electrode without damage to the Tungsten
- Arc Force allows the operator to adjust the current surge
- **Constant welding current (CC)** from 20 to 400 Amps in 2 ranges for Stick and TIG
- **Constant welding voltage (CV)** from 10 to 35 VDC for MIG and Flux-core
- Excellent flux-cored MIG characteristics with voltage-sensing wire feeder
- Bright, easy to read, panel-mounted digital display
- Models available in 208V-240V single or three phase, 400, 480V and 575V or FlexiVolt (208-480V) primary voltage
- Flexi-Volt model has automatic voltage sensing circuit, 208V to 480V
- Built with a high impact, fiberglass composite housing and corrosion protected electronics to out-perform other brands in harsh environments.



**BUILT
TO
LAST**

Manufactured by:

MIRABEL
INDUSTRIAL WELDING EQUIPMENT

608 Naylor Mill Road, Unit C
Salisbury, MD 21801

Phone: 443-397-5854 • Fax: 443-232-1200
sales@mirabeliwe.com

ALL MODELS INCLUDE OUR 5-YEAR WARRANTY



- **EXCEPTIONAL WELDING CHARACTERISTICS**
- **RUGGED CONSTRUCTION**
- **PROVEN RELIABILITY**

Workhorse 300SMT Specifications

Stick / TIG (Lift start) / MIG / Flux-core

Primary Input	Rated Welding Current (Amps) @ Duty Cycle	Welding Ranges	Open Circuit Voltage	Input Amperes at Rated Load Output 50/60 Hz				KVA KW	Efficiency	Physical Dimensions	Weight	
				240	400	480	575				Net	Ship
Three Phase	400A @ 29% 300A @ 60% 250A @ 100%	20 - 400A 10 - 35V	*80 Max.	37	25	20	18	14.9 12.05	79.60%	Height: 17.9" 45.5cm Width: 10.5" 26.7cm Depth 19.5" 49.5 cm	Approx. 90lbs. 40.9 kg.	Approx. 96lbs. 43.6kg.
Single Phase	200A @ 100%	20 - 300A 10 - 35V	*80 Max.	45	NA	NA	NA	NA	NA			

Fixed Voltage Models Available in: 240V, 400V, 480V & 575V (Single or 3-phase).

Flexi-volt models also available which operate between 208V and 480V automatically adjusting.

*8V Low Open Circuit Voltage (LOCV) available as an option.

The Workhorse 300SMT is a fully pre-settable, CC/CV power supply, for:

Stick, TIG, MIG, Flux-core, and air carbon arc gouging.

All Workhorse welders are designed & built for use in harsh environments, such as ...

- > Shipyards
- > Mining
- > Maintenance and repair
- > Construction
- > Petroleum Production
- > Chemical Production
- > Paper Mills
- > Power Plants
- > Rental Fleets
- > Anywhere dusty, dirty, damp or corrosive.

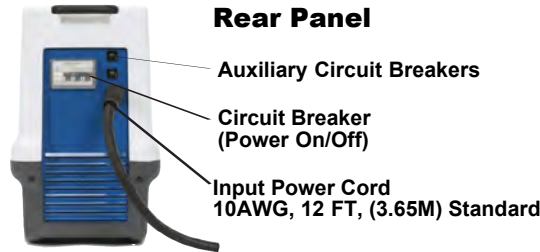
All Workhorse power supplies weigh approximately 90-lbs., feature a built-in circuit breaker and provide multiple zones of thermal protection

Product Specifications are subject to change without notice.

New Front Panel Design



Rear Panel



Additional Products from

MIRABEL
INDUSTRIAL WELDING EQUIPMENT



Workhorse 300S Stick/Lift Start TIG



Workhorse Voltage Sensing Wire Feeders



Workhorse 300ST Auto Start TIG



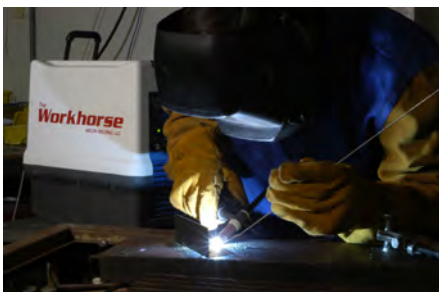
Studhorse 1200DM Stud Welder



Ironhorse 300S 700V DC Input



Workhorse 300SH Combined Preheater & Welder



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