

Workhorse 300S

Stick/Lift Start TIG /Flux-Cored MIG 300 Amp Inverter Power Source



• 5-YR GUARANTEE AGAINST CORROSION-RELATED FAILURES IN NATURAL ENVIRONMENTS •



**The only
SCR-type
inverter welder
made in
the U.S.A.**

MANUFACTURED BY

ARCON

...probably the toughest welders on the planet

ARCON WELDING EQUIPMENT, LLC

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- 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

- Lightweight, Portable
- Smooth, Stable Arc
- Reliable SCR Inverter
- 100% Corrosion Protected
- Arc Gouging Capable
- High Power Efficiency
- Low DC Ripple Output
- 5-Zones of Thermal Protection
- Rugged stackable Fiberglass Case
- Lift Start TIG ignition allows contact between the material and electrode without damage to the Tungsten
- Excellent flux-cored MIG characteristics with voltage-sensing wire feeder
- Arc Force allows the operator to adjust the current surge
- Current/Time controlled cooling fan reduces dust in the welder
- Bright, easy to read, panel-mounted digital display optional
- Smart Surge Control reduces the slag inclusions in the weld
- Welding current from 10 to 400 Amps in 2 ranges
- Models available in 208-240V single or three phase, 400V, 480V, 575V or 240/480V primary voltage



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

Stick/Lift Start TIG 300S Specifications

Primary Input	Rated Welding Current (Amps) @ Duty Cycle	Welding Range Amps	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%	Range 1 10-180A	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. 80lbs. 36.3 kg.	Approx. 90lbs. 41.0kg.
Single Phase	200A @ 100% 28V	Range 2 80A - 400A		45	NA	NA	NA	NA	NA			

240V/480V DUAL VOLTAGE OR 240V, 400V, 480V & 575V SINGLE VOLTAGE

This product line is designed for use in harsh environments. The 300S model is designed to TIG weld thin sheet metal without burn-through. The Workhorse power sources weigh 80 pounds, feature a built-in circuit breaker, and provide 5-zones of thermal protection. Warhorse option available for companies and contractors using generators for primary power. A Dual Voltage model is also available.



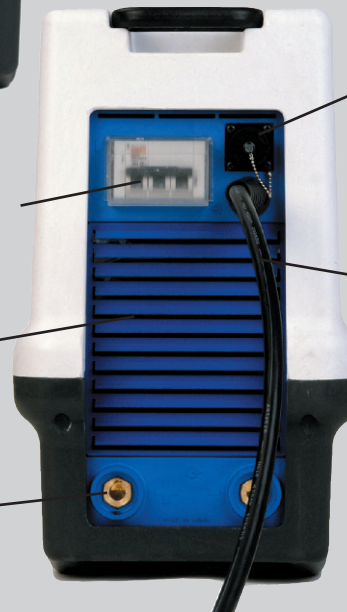
POWER ON INDICATOR

PROCESS SWITCH

RANGE SWITCH

WELD CURRENT

ARC FORCE



REMOTE CONTROL CONNECTOR

CIRCUIT BREAKER (POWER ON/OFF)

FAN CONTROLLED VENTILATION

WELDING TERMINALS

**INPUT POWER CORD
12 FT (3.65M)
STANDARD**

Product Specifications are subject to change without notice. Visit the website for information on updates and changes.

Additional information is available at www.arconweld.com or from your local Distributor.

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www.arconweld.com

Products from
ARCON
Welding Equipment



**Workhorse 300S
Stick/Lift Start TIG**



**Workhorse 300MS
MIG/Stick**



**2 Roll or 4 Roll
Wire Feeder**



**Workhorse 300ST
ArcStarter TIG**



**Studhorse
1000DM & 1200DM
Stud Welders**



**Ironhorse 300S
700V DC Input**