

Workhorse



Studhorse 1200 Studhorse 1200DM Inverter Power Source



- Portable and Lightweight for Industrial Stud Welding
- 4 per Minute Duty Cycle @ 1200 Amps for 5/8" Studs
- Step-less Weld Power and Time Adjustment

BENEFITS

- Lightweight, Portable
- Regulated Output
- Welds Wide Range of Sizes
- Reliable SCR Inverter
- Rugged Fiberglass Case
- Pilot Current
- Kick Start
- After Burn
- Short-Circuit Protection
- High Power Efficiency
- 5-Zones of Thermal Protection

FEATURES

- Drawn Arc Stud Welding at 1200 Amps
- Welds full-base Studs from 1/8" (3mm) to 3/4" (18mm)
- Complete systems available with gun and cables
- Digital Start/Stop replaces mechanical Contactor
- Bright, easy to read, panel-mounted digital display on DM model
- Extra-thick skids on the bottom of the case for protection
- Step-less 0.05 to 1.00-second Time and Power Control
- 400V, 480V, or 575V three-phase input voltage; 35/30/25A time-delay fusing



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

MANUFACTURED BY

ARCON
Welding Equipment

ARCON WELDING EQUIPMENT (LLC)

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Now includes Seahorse Corrosion Protection against humidity, moisture and dust.

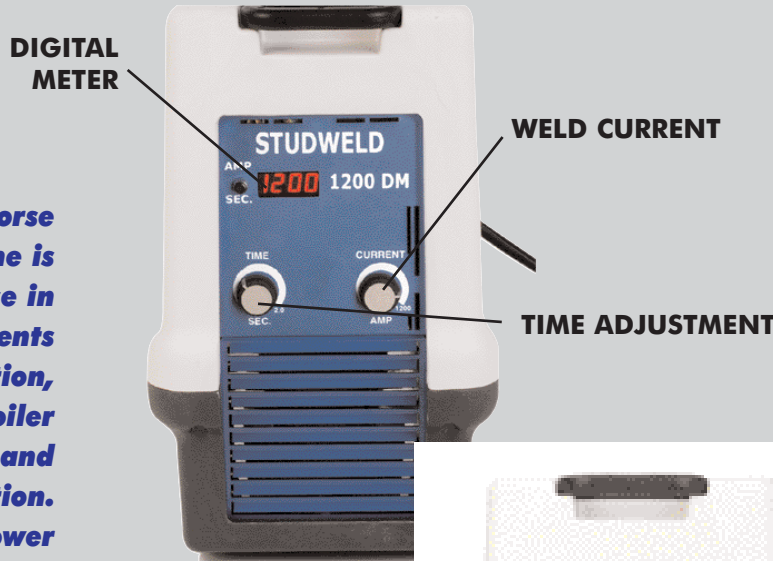
PROVEN RELIABILITY
RUGGED CONSTRUCTION
GREAT WELDING CHARACTERISTICS

Studhorse 1200 & 1200DM Specifications

Products from
ARCON
Welding Equipment

Primary Input	Rated Welding Current (Amps) @ Duty Cycle	Open Circuit Voltage	Input Amperes at Rated Load Output 50.60 Hz			K W	Efficiency	Physical Dimensions	Weight	
			400 V	480 V	575 V				Net	Ship
Three Phase	1200 @ 4% Duty Cycle	80 Max.	35	30	25	23.8	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.

400V, 480V & 575V SINGLE VOLTAGE *Slow Blow Fuse



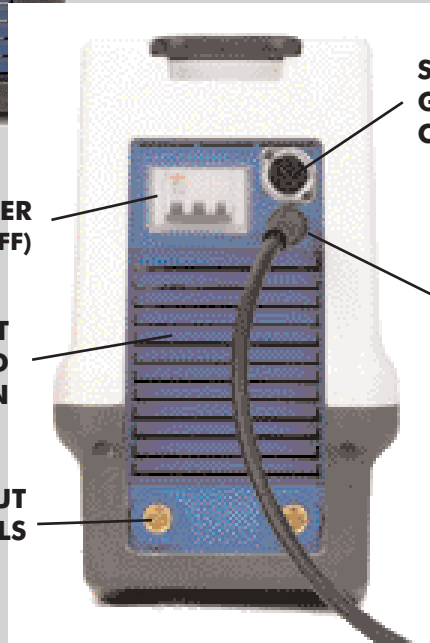
The Workhorse product line is designed for use in harsh environments including construction, shipbuilding, boiler manufacturing and equipment fabrication.

Studhorse power sources weigh 80 pounds, feature a built-in circuit breaker, and provide 5-zones of thermal protection to make this machine ideal for companies and contractors using 480 or 575 Volts AC for primary power. Designed for 1200A using 50 ft. 2/0 cable or 75 ft. of 4/0 cable.

CIRCUIT BREAKER (POWER ON/OFF)

THERMOSTAT CONTROLLED VENTILATION

OUTPUT TERMINALS



STUD GUN CONNECTOR

INPUT POWER CORD 12 FT (3.65M) LONG

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 the Distributor listed below.

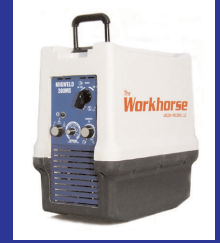
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Welding Equipment

www.arconweld.com



Workhorse 300S
Stick/Lift Start TIG



Workhorse 300MS
MIG weld



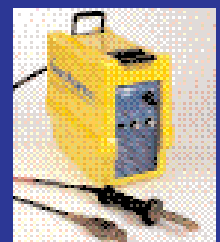
Workhorse 300ST
ArcStarter TIG



Studhorse 1200
Stud Welder



Studhorse 1200DM
Stud Welder



Ironhorse 300S
700V DC Input