

Studhorse 1200DM

1200 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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Phone: 410.572.6000 • Fax: 410.572.6027

Toll Free: 888.512.7266

sales@arconweld.com • www.arconweld.com

- Portable and Lightweight for Industrial Stud Welding
- 4 per Minute Duty Cycle for 5/8" Studs
- Stepless Weld Power and Time Adjustment
- 5-year Corrosion Protection Guarantee in Natural Environments

BENEFITS

- Lightweight, Portable
- Regulated Output
- Welds Wide Range of Sizes
- Reliable SCR Inverter
- Rugged Fiberglass Case
- 100% Corrosion Protected
- Pilot Current
- Kick Start
- After Burn
- Short-Circuit Protection
- High Power Efficiency
- 4-Zones of Thermal Protection

FEATURES

- Drawn Arc Stud Welding up to 1200 Amps
- Welds full-base Studs from 1/4" (6mm) to 5/8" (16mm)
- Complete systems available with gun and cables
- Bright, easy to read digital display
- Extra-thick skids on the bottom of the case for protection
- Stepless 0.05 to 1.00-second Time Control

Models available for the following input voltages:

- 400V or 480V three-phase, plus 240V single or three phase



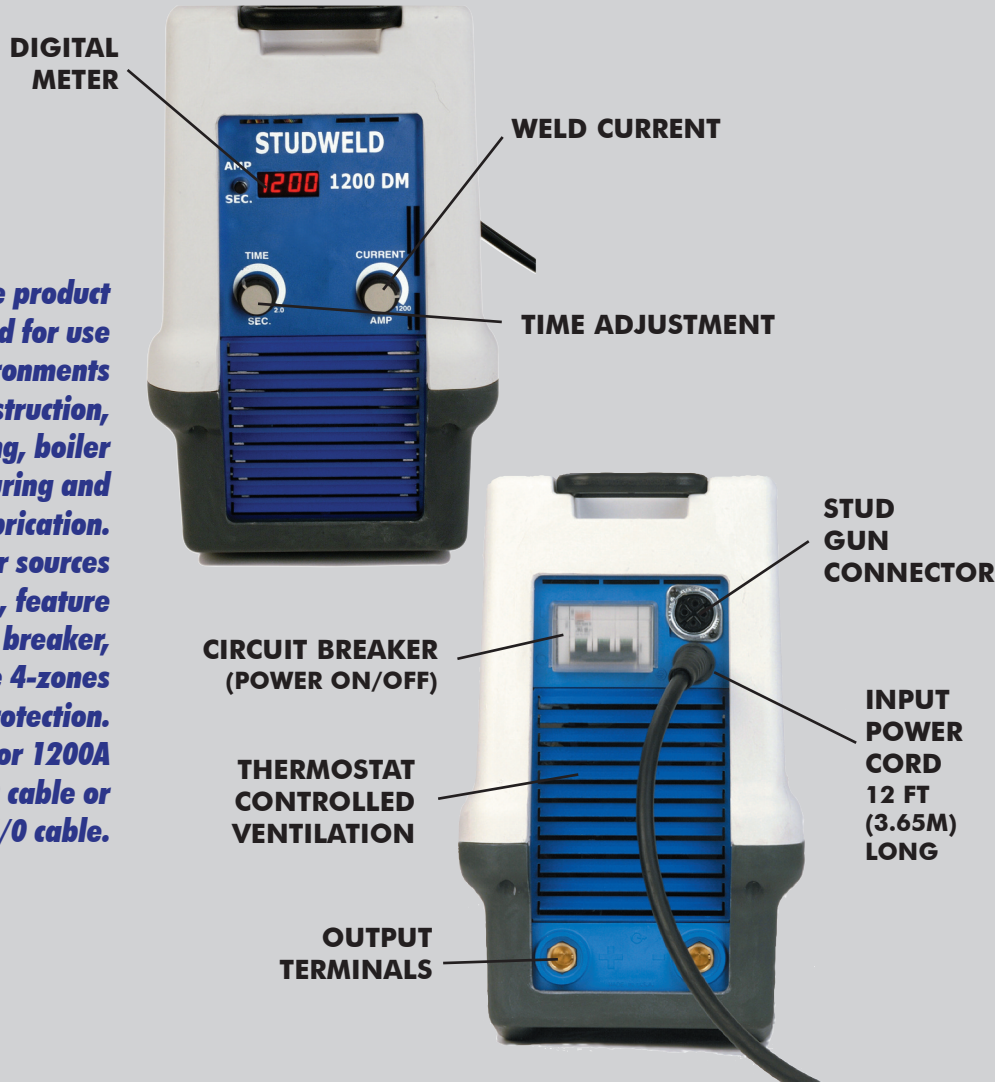
PROVEN RELIABILITY
RUGGED CONSTRUCTION
GREAT WELDING CHARACTERISTICS

Studhorse 1200DM Specifications

Primary Input	Duty Cycle For Continuous Operation	Open Circuit Voltage	Recommended Fusing			KW	Efficiency	Physical Dimensions	Weight	
			240V	400V	480V				Net	Ship
Three Phase	5/8" 4/min 1/2" 6/min 5/16" & 3/8" 8/min 1/4" unlimited	8V	60A*	35A*	30A*	23.8	79.60%	Height: 17.9" 45.5 cm Width: 10.5" 26.7 cm Depth: 19.5" 49.5cm	Approx. 80lbs. 36.3 kg.	Approx. 90lbs. 41.0 kg.
			60A*							
Single Phase	1/2" 6/min 5/16" & 3/8" 8/min 1/4" unlimited	8V	60A*							

*"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 4-zones of thermal protection. Designed for 1200A using 50 ft. 2/0 cable or 75 ft. of 4/0 cable.



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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Products from
ARCON
Welding Equipment



Workhorse 300S
Stick/Lift Start TIG



Workhorse 300MS
MIGweld



Workhorse 300SH
Combined
Preheater & Welder



Workhorse 300ST
ArcStarter TIG



Studhorse
1000DM & 1200DM
Stud Welders



Ironhorse 300S
700V DC Input