

# Studhorse 1200DM

## 1200 AMP Inverter Power Source

• LIFETIME WARRANTY AGAINST CORROSION-RELATED FAILURES •



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

- Portable and Lightweight for Industrial Stud Welding
- 4 per Minute Duty Cycle for 5/8" Studs
- Stepless Weld Power and Time Adjustment

### 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

DESIGNED & MANUFACTURED BY

# ARCON

...probably the toughest welders on the planet

ARCON WELDING EQUIPMENT (LLC)

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Studhorse power supplies are covered by Arcon's exclusive, 5-year total warranty, plus our lifetime warranty against corrosion related failures.



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

# Studhorse 1200DM Specifications

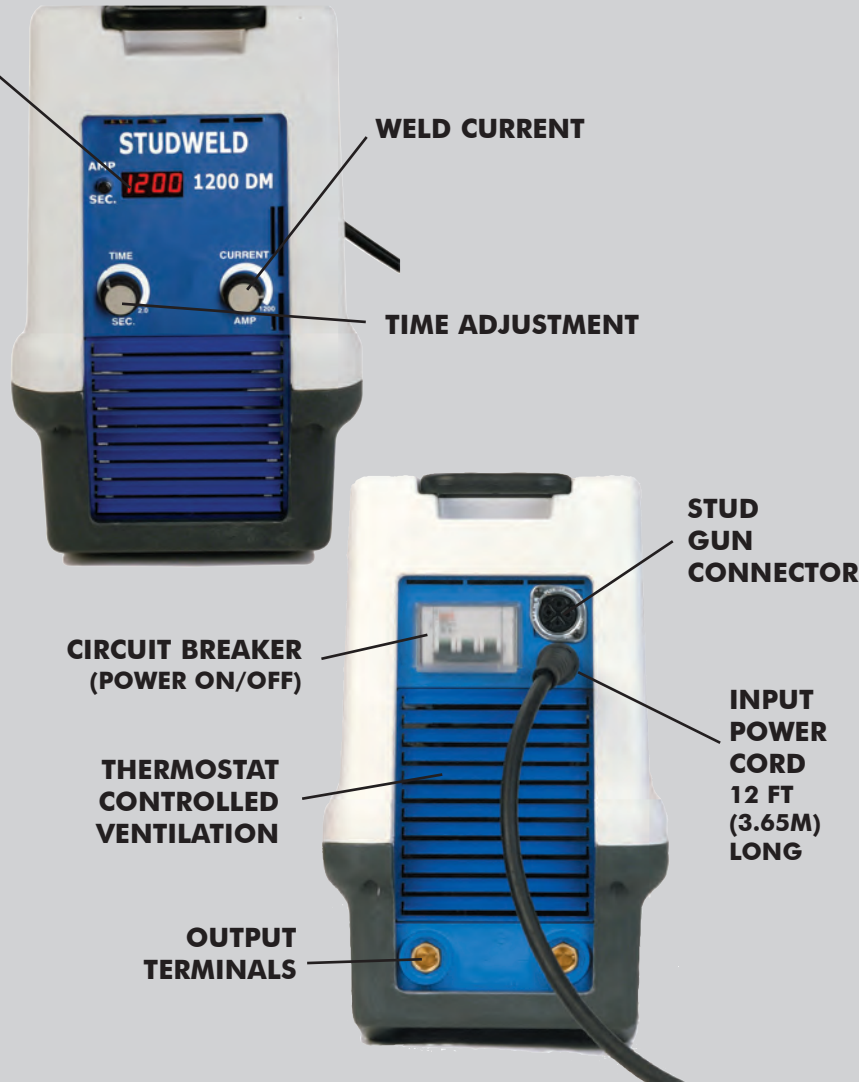
Primary Input	Duty Cycle For Continuous Operation	Open Circuit Voltage	Recommended Fusing			KW	Efficiency	Physical Dimensions	Weight	
			240V	400V	480V				Net	Ship
Three Phase	5/8" 4/min 1/2" 6/min 5/16" & 3/8" 8/min 1/4" unlimited	8V	*60A	*35A	*30A	23.8	79.60%	Height: 17.9" 45.5 cm  Width: 10.5" 26.7 cm  Depth: 19.5" 49.5cm	Approx. 90lbs. 36.3 kg.	Approx. 96lbs. 41.0 kg.
Single Phase	1/2" 6/min 5/16" & 3/8" 8/min 1/4" unlimited	8V	*60A							

\*Slow Blow Fuse

The rugged Arcon Studhorse welder is designed for use in extreme harsh environments, such as:

- Construction
- Shipbuilding and ship fitting
- Mining and heavy equipment repair and re-surfacing
- Rental fleets

Lightweight & portable at: 90-lbs, and compact at: 19"Lx18"Hx11"W  
The unit features a built-in circuit breaker, multiple zones of thermal protection and on demand fan cooling.



Designed & Manufactured by:



www.arconweld.com

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](http://www.arconweld.com) or from the Distributor listed below.

Other products from:



Workhorse 300SMT Multi-Process CC/CV, New front panel cable connections



Workhorse 300S Stick/Lift start TIG



Workhorse 300MS MIGweld



Workhorse 300ST Auto Start TIG



Workhorse 300SH Combined Preheater & Welder



Ironhorse 300S 700v DC Input