Stud Welding

Welding Range
#10 (M4) through 7/8” (M22) diameter studs

Calibrated Time Control
Continuously adjustable from .05 to 1.7 seconds.

Calibrated Current Control
Continuously adjustable 100 to 1800 Amps

Manual Welding
A constant current 600 Amps
NEMA rated machine

Welding Range
50 to 850 Amps

Capabilities
Manual welding – all size electrodes
Arc air gouging – up through 750 Amps
Specifications

Height    30" (76.2cm)
Width     22 1/4" (56.51cm)
Depth     40" (1.02m)
Weight    650 lbs. (294.8kg)

Stud Welding

Standard Features

1 heavy duty stud welding gun with legs and foot piece
25 ft. (7.62m) of 4/0 ground cable with “C” clamp
50 ft. (15.24m) of 4/0 combination cable

Welding Range

#10 (M4) through 7/8” (M22) diameter studs

Duty Cycle

7/8” (M22) 6/min.
3/4” (M20) 12/min.
5/8” (M16) 18/min.
1/2” (M14) and less – unlimited

Manual Welding

Output Rating

650 Amps @ 44 volts 60%

Welding Range

50 to 850 Amps

Capabilities

Manual welding – all size electrodes
Arc air gouging – up through 750 Amps

Electrical Characteristics

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<td>KVA</td>
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<td>Rated Output</td>
<td>1800 Amps @ 44 volts</td>
<td>650 Amps @ 44 volts</td>
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<tr>
<td>Duty Cycle</td>
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<td>60%</td>
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<tr>
<td>Max. Open Circuit Voltage</td>
<td>70 volts DC</td>
<td>70 volts DC</td>
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50 Hertz models available