

STUD WELDING PRODUCTS, INC

Your Number One Stud



STUD WELDING UNIT

Model: IT 90



Inverter-Capacitor Charging

- Maximum Welding Quality
- Maximum Welding Rates
- Maximum Energy Consumption
- Minimum Weight
- Maximum Efficiency

| DESCRIPTION |
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| Stud Welding Unit for CD stud welding (capacitor discharge welding) according to current standards. The HBS IT 90 Stud Welding Unit is especially suitable for thicker sheets of about 2 mm or higher. The unit features a microcontroller, function monitoring, display of error codes, and lift test. |

| FEATURES | IT 90 |
|---------------|---------------------------|
| WELD RANGE | 14ga to 7/8", #4 to 1" |
| WELD RATE | 25 Studs/Min @ 1/2" |
| DIMENSIONS | 25.6"L x 22"W x 50.8"H |
| WEIGHT | 320 lbs |
| PRIMARY POWER | 480/460 V 3 Phase 50/60Hz |

| FEATURES |
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| <ul style="list-style-type: none"> • Microcontroller for precise process times, optimal functional reliability and maximum operating convenience • Library function – automatic specification of welding current and welding time through selection of stud diameter according to welding range (with and without shielded gas); fine adjustment via arrow keys • Process monitoring – recording and analysis of factors affecting the welding process; after each weld, the reference and actual values are compared; display of the welding energy input; switchable automatic welding stop if limits are exceeded • Display – infinitely adjustable power setting; easy monitoring of all functions via LED displays; easy operation via membrane keyboard and digital display; setting of welding parameters, programs, shielding gas, automation and process monitoring possible; digital display of current, welding and gas-preflow time (optional: pneumatic feed time for automation); separate settings for welding current and welding time |

Visit our website at www.StudWeldProd.com or email Info@StudWeldProd.com

Downey, CA
 9459 Washburn Rd
 Downey CA 90242
 Ph: 800-252-1919
 Fax: 562-862-3022

Hayward, CA
 2391 American Ave
 Hayward, CA 94545
 Ph: 510-782-7883
 Fax: 510-782-7918

Renton, WA
 927 Thomas Ave SW
 Renton, WA 98057
 Ph: 425-656-9787
 Fax: 425-656-9786

Phoenix, AZ
 3535 E Wier Ave #4
 Phoenix, AZ 85040
 Ph: 602-305-9350
 Fax: 602-305-4890