

Portable Welding Repair GOWELD[®] Battery Powered MIG Welder

BROCO[®]

Portable Welding Repairs!

A requirement exists for welding capability that can be transported and fielded from any military vehicle, on a ship, and man-packed; a welder that can be utilized wherever the operator has access to 24V battery power.

Temporary repair facilitating the movement of a vehicle under its own power reduces personnel time in the field and poses less exposure and danger to crews of both towed and towing vehicles.

Repairs to a vessel or dock can be made without ship's power or shore power.

Broco GOWELD portable welder provides capability of welding steel or aluminum to thicknesses exceeding 1/2".



- **Welding amperage 200+ amps**
- **Up to 20 minute arc time with two 12V deep cycle marine batteries**
- **Wire size 0.6mm - 1.2mm**
- **Automatic protection with LED Indicators**
 - Motor overheat
 - Wire Jam
 - Low battery shutdown

SPECIAL FEATURES

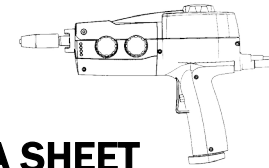
- GOWELD is a 'spool gun' using wire electrode from 2lb or 1lb (aluminum) spools housed within the welder body.
- GOWELD can connect to the vehicle by way of a SLAVE plug or conventional battery clamps.
- GOWELD uses self-shielding flux-cored mild steel welding wire to weld without gas.
- GOWELD can be connected to inert shielding gas for welding aluminum.
- GOWELD set weighs less than 30 lbs (14kg) including padded case.
- **CE Tested and Certified**
- **Made in the U.S.A.**



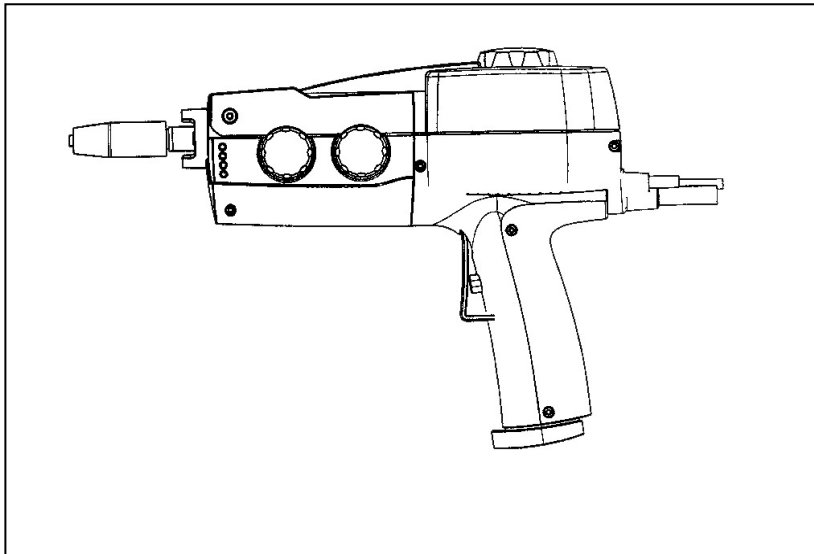
GOWELD Portable Welder Set

Contents:
GOWELD welder, ground cable with clamp, battery clamp harness assembly, extra contact tips, extra nozzle, 2 spools welding wire, padded soft case.

*Batteries are not included in GOWELD set. SLAVE connector and SLAVE connector adapter cables are available as accessories.



GOWELD® DATA SHEET



Process: FCAW, GMAW;

Wire diameters: .023" (0.6mm) - .045" (1.2mm)

Wire speed range: 50 ipm - 1100 ipm (inches/minute)

Input voltage:

Batteries, 2 x 12v: 24vDC

Batteries, 3 x 12v: 36vDC

Welding power source*: 15v - 42vDC

(*Requires use of optional GOWELD® PCU 24v transformer)

Output voltage range: 15vDC - 26vDC (2 batteries); 22vDC - 39vDC (3 batteries)

Amperage: 200+

Duty cycle: 50%

Material thickness range using:

2 Batteries: 14 Gauge - 1/2"

3 Batteries: 3/8" - 3/4"+

Welding duration on fully charged batteries:

Industrial deep cycle batteries (50ah - 95ah): 15 - 20+ minutes arc time

Automobile batteries: 10 - 15 minutes arc time

Lawn & garden batteries (16ah - 26ah): 3 - 5 minutes arc time

Automatic protection: (LED indicators, see manual for details)

Motor overheat

Wire jam

Low Battery shutdown

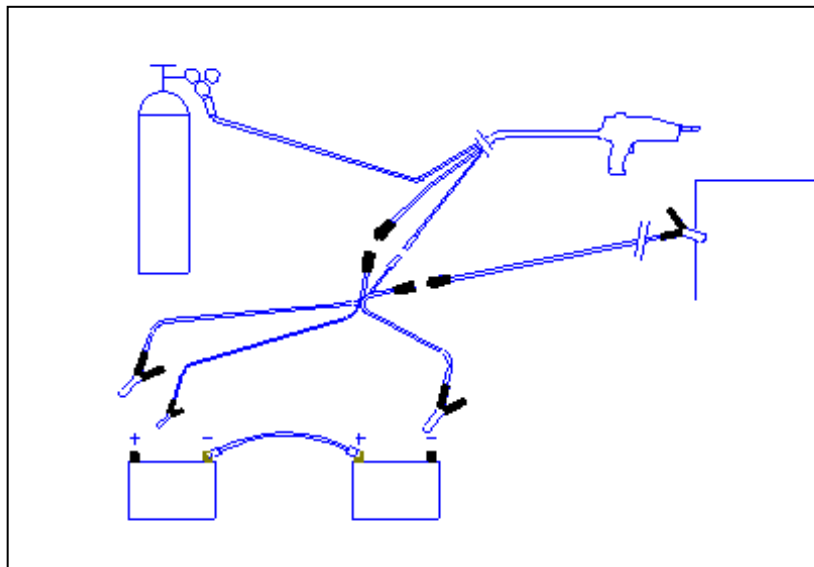
GOWELD® Welding Wire:

ER70-S6 Mild steel, gas shielded, MIG wire electrode, .035" (0.9mm) (w/75-25 steel mix)

E71T-GS Mild steel, flux cored, FCAW wire electrode, .035" (0.9mm)

4043 Aluminum, gas shielded, MIG wire electrode, .035" (0.90mm) (w/Argon)

Warranty period: 12 month limited. Manufactured by Broco in the U.S.A.



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