

# K-BUG 1200 & K-BUG 1200-BAT

**GEAR DRIVEN FILLET WELDER & CORDLESS,  
BATTERY OPERATED FILLET WELDER,  
BOTH WITH DIGITAL CONTROLS**

**Increase welding production, improve weld  
quality, with the freedom of no power cord.**



**Bug-O Systems**

Automated Cutting and Welding Systems.

412-331-1776

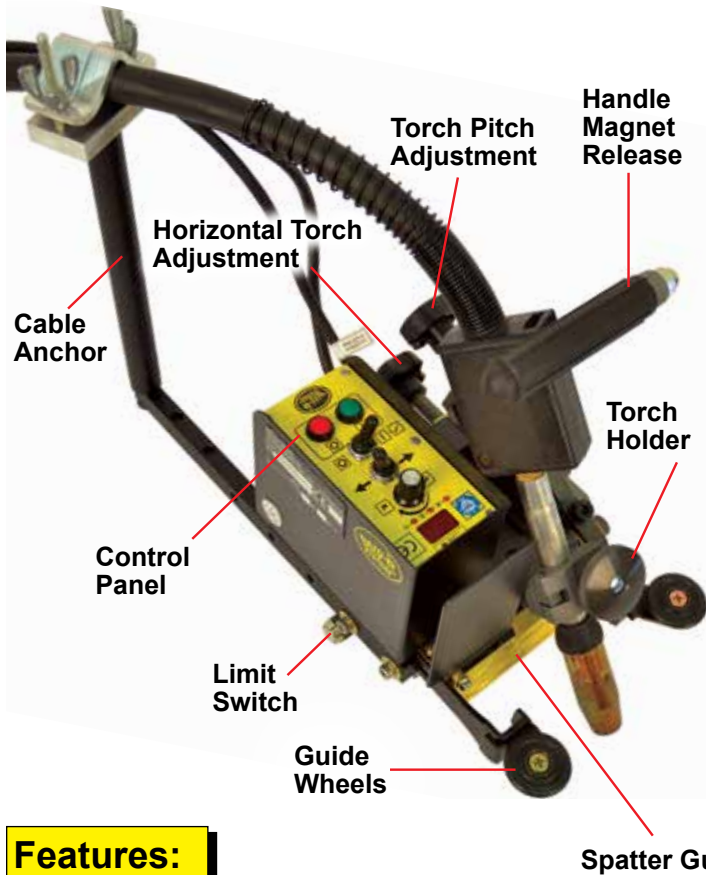
[www.bugo.com](http://www.bugo.com)

Bug-O Systems is guided by honesty, integrity and ethics in service to our customers and in all we do.





# K-BUG 1200 & K-BUG 1200-BAT GEAR DRIVEN FILLET WELDER & CORDLESS BATTERY OPERATED, GEAR DRIVEN FILLET WELDER



The **K-BUG 1200** and the **NEW K-BUG 1200-BAT** are compact, portable, straight-line tractors equipped with rugged gear drives and an improved torch adjustment profile. The Gear Drive has been incorporated to handle the strain of prolonged operation and to improve reliability. Creating continuous or intermittent “stitch” welds at a constant travel speed produces high quality, uniform welds in a fraction of the time required for manual welding. Regulated travel speed eliminates excessive weld deposition and helps reduce defects. Precise puddle control improves penetration and controls undercut.



Battery and charger included with purchase of KBUG-1200-BAT or KBUG-1202-BAT

## Features:

The **K-BUG 1200 & K-BUG 1200-BAT** incorporate the following features:

- State of the art digital technology insures accuracy
- Cordless 18volt battery capable of running 2 shifts per charge (K-BUG 1200-BAT model only)
- High torque, low inertia motor for precise stops and starts
- Gear driven for greater reliability
- Drive unit motor overload protection
- Low profile, easy to access torch adjustment knobs
- Stores travel settings after power is turned off
- Programmable puddle build and crater fill times
- Weld Contactor Enable Switch
- Carriage Travel and Arc Start in one switch
- Guide wheels track web or flange of work piece
- Capable of traveling up to a 75° incline
- Lightweight carriage with powerful permanent magnets to grip work piece
- Closed loop speed control provides adjustable and repeatable control
- Built-in Stainless Limit Switches stop tractor travel and welding when activated
- Digital programming of weld length, skip length and total travel distance
- Gasket sealed housing provides a IP63 rating

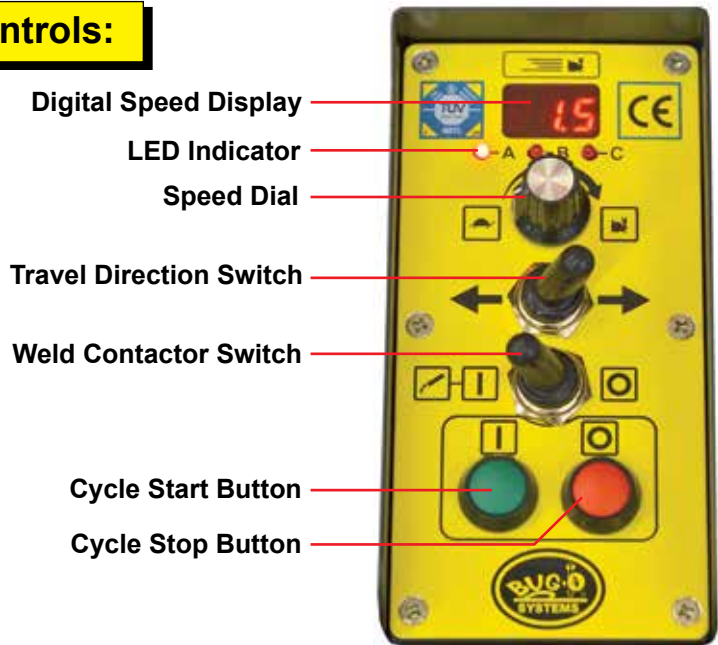






# K-BUG 1200 & K-BUG 1200-BAT GEAR DRIVEN FILLET WELDER & CORDLESS BATTERY OPERATED, GEAR DRIVEN FILLET WELDER

## Controls:



## Accessories:

**KBUG-1100-1 Torch Holder**  
For 1" (25.4 mm) diameter torch

**KBUG-1290 Cable Anchor**  
Now included as standard

**SBG-450-L-(A)-(B) 450 Amp Gun/Lincoln 3/4" (19 mm)**  
For LN7, LN8, LN9, LN25, LN742, Synergic 7 & LN10 w/ adapter

**SBG-450-T-(A)-(B) 450 Amp Gun/Lincoln Std.**  
For all other Lincoln products

**SBG-450-M-(A)-(B) 450 Amp Gun/Miller**

**SBG-450-E-(A)-(B) 450 Amp Gun/Euro**

(A)- Contact Tip Size 0.035" to 1/16" (0.8 to 1.6 mm)  
(B)- Cable Length 15 ft (4.57 m) / 25 ft (7.62 m)

**KBUG-1170 Long Arm Assembly**  
Used to extend torch holder for welding outside corners and can adapt for goose neck welding torch (Guide wheel spacers .25" .5" & .75" are included)



**KBUG-1067 Magwheel Add-On Kit**  
Used for welding curved irregular shapes



**KBUG-1201-BAT**  
Replacement Battery

**KBUG-1205-BAT**  
120V Battery Charger

**KBUG-1206-BAT**  
240V Battery Charger





# K-BUG 1200 & K-BUG 1200-BAT GEAR DRIVEN FILLET WELDER & CORDLESS BATTERY OPERATED, GEAR DRIVEN FILLET WELDER

## Technical Data:

**Part Numbers:** **KBUG-1200** 120VAC/50-60Hz/1Ph  
**KBUG-1202** 240VAC/50-60Hz/1Ph  
**KBUG-1204** 42VAC/50-60Hz/1Ph

**Net Weight:** 13 lbs (5.9 kg)

**Shipping Weight:** 22 lbs. (10 kg.)

**Shipping Dimensions:** 15.25" x 13" x 15"  
 (387 x 330 x 381 mm)

**Welding Position:** Flat "down hand" position

**Pulling Power:** 15 lbs. (6.8 kg.)

**Tractor Speed:** 1.5 - 37 in/min (3 - 95 cm/min)

**Torch Holder:** Fits barrels up to 0.75" (19 mm) dia.

**Drive wheels:** Rated to 400°F (204°C)

**Ingress Protection:** IP63 Rating  
 Total dust ingress protection  
 Water spray < 60° from vertical

**Part Numbers:** **KBUG-1200-BAT** 120VAC/50-60Hz/1Ph  
**KBUG-1202-BAT** 240VAC/50-60Hz/1Ph

**Net Weight:** 17 lbs (5.3 kg) (includes charger)

**Shipping Weight:** 26 lbs. (12 kg.)

**Shipping Dimensions:** 15.25" x 13" x 15"  
 (387 x 330 x 381 mm)



The **K-BUG 1200 & K-BUG 1200-BAT** features "Torch Quick Connect" which allows the operator to easily remove or install the torch from the machine for quick nozzle cleaning, wire cutting and hand welding.

