

A magnetic travel carriage for welding continuous or stitch welds in the horizontal position.

BUG-O FILL-IT

DIGITAL, COMPACT FILLET WELDER

Increase welding production, improve weld quality and eliminate operator fatigue.

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



Bug-O Systems

**Automated Cutting and
Welding Systems.**

**1-412-331-1776
www.bugo.com**



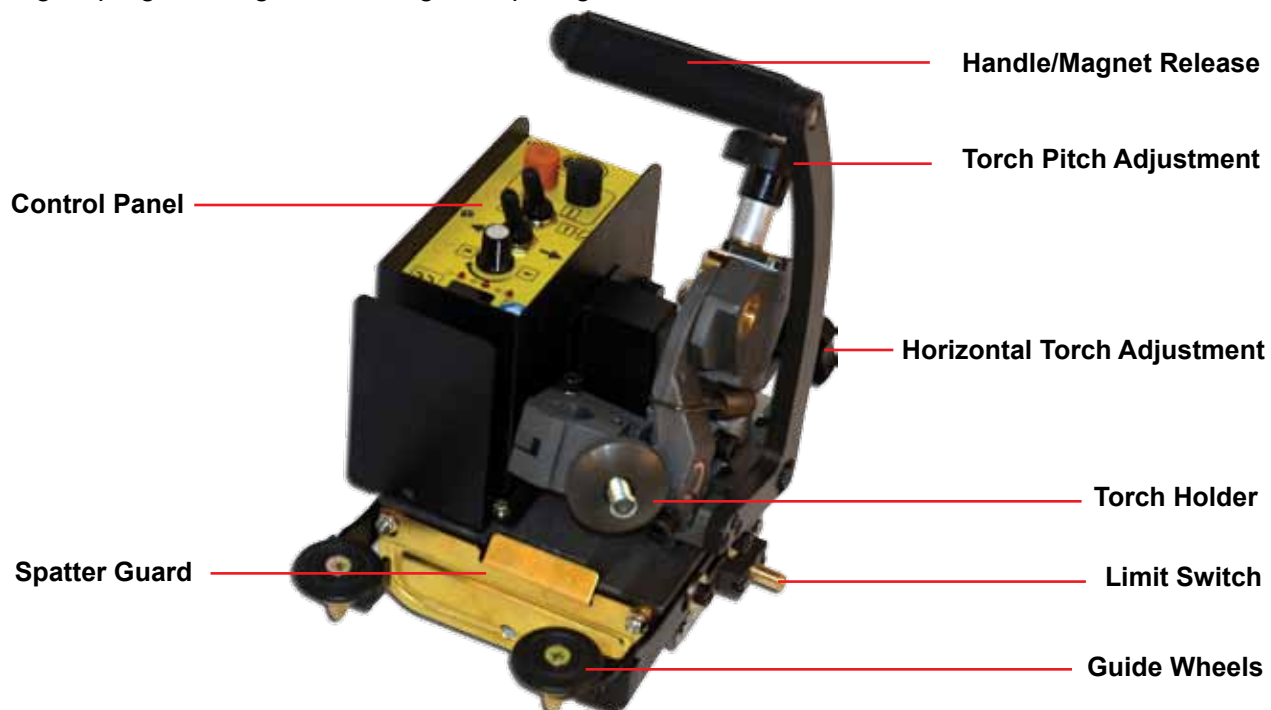
FILL-IT DIGITAL, COMPACT FILLET WELDER

The **Fill-It** digital, compact fillet welder is a compact portable straight line travel carriage. 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 control with programmable dwells improves weld penetration and controls undercut.

Features:

The **Fill-It** incorporates the following features:

- State of the art digital technology insures accuracy.
- High torque, low inertia motor for precise stops and starts.
- Drive unit motor overload protection.
- Lightweight carriage with powerful permanent magnets to grip work piece.
- Guide wheels track web, or flange, of work piece.
- Closed loop speed control provides adjustable and repeatable control.
- Stores travel settings after power is turned off.
- Crater fill at the beginning and end of welding.
- Weld Contactor Enable switch.
- Carriage Travel and arc start in one switch.
- Built-in Limit Switches stop tractor travel and welding when activated.
- Will climb up a 75° incline.
- Digital programming of weld length, skip length and total travel distance.





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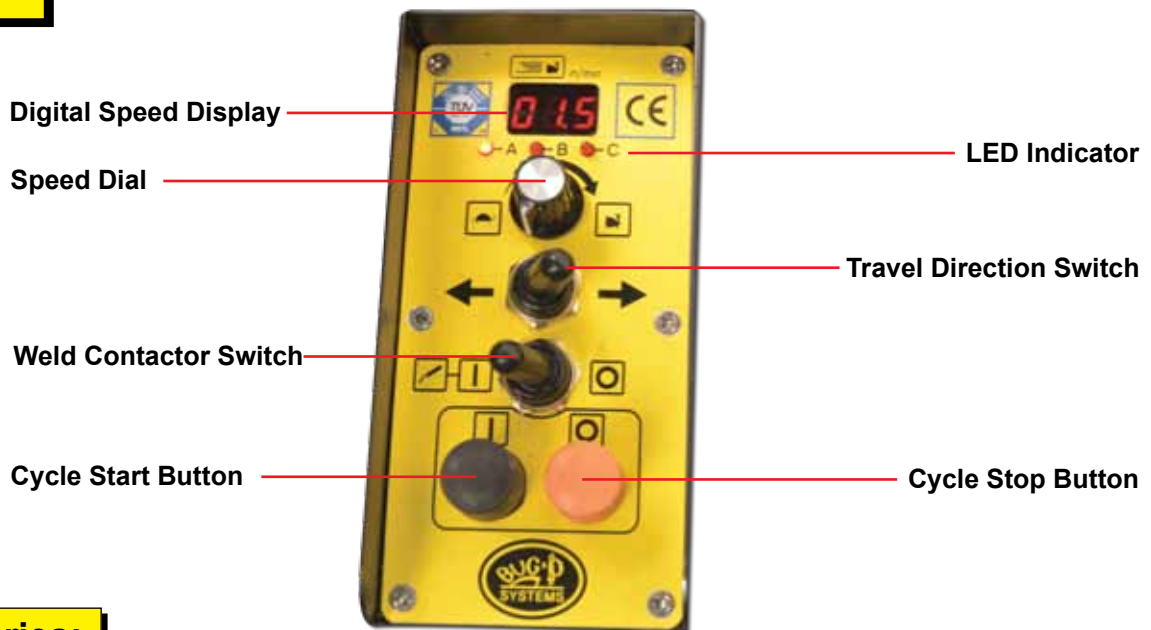


Continuous Weld



Stitch Weld

Controls:



Accessories:

KBUG-1067 Magwheel Add-On Kit used for welding curved or irregular shapes



KBUG-1067 Installed



KBUG-1054 Cable Anchor



KBUG-1054 Installed



SBG-450-L-___- 450 Amp Gun/Lincoln
 SBG-450-M-___- 450 Amp Gun/Miller
 SBG-450-E-___- 450 Amp Gun/Euro



FILL-IT DIGITAL, COMPACT FILLET WELDER

Technical Data:

Part Numbers:	KBUG-1000 (120VAC) KBUG-1002 (240VAC)
Power:	120VAC/50-60Hz/1Ph and 240VAC/50-60Hz/1Ph
Net Weight:	12.3 lbs (5.6 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:	11 lbs. (5 kg.)
Torch Holder:	Fits straight torch



The **Fill-It** features "Torch Quick Connect" which allows the operator to easily remove or install the torch from the KBUG-1000 for quick nozzle cleaning, wire cutting and hand welding.

Dimensions:

