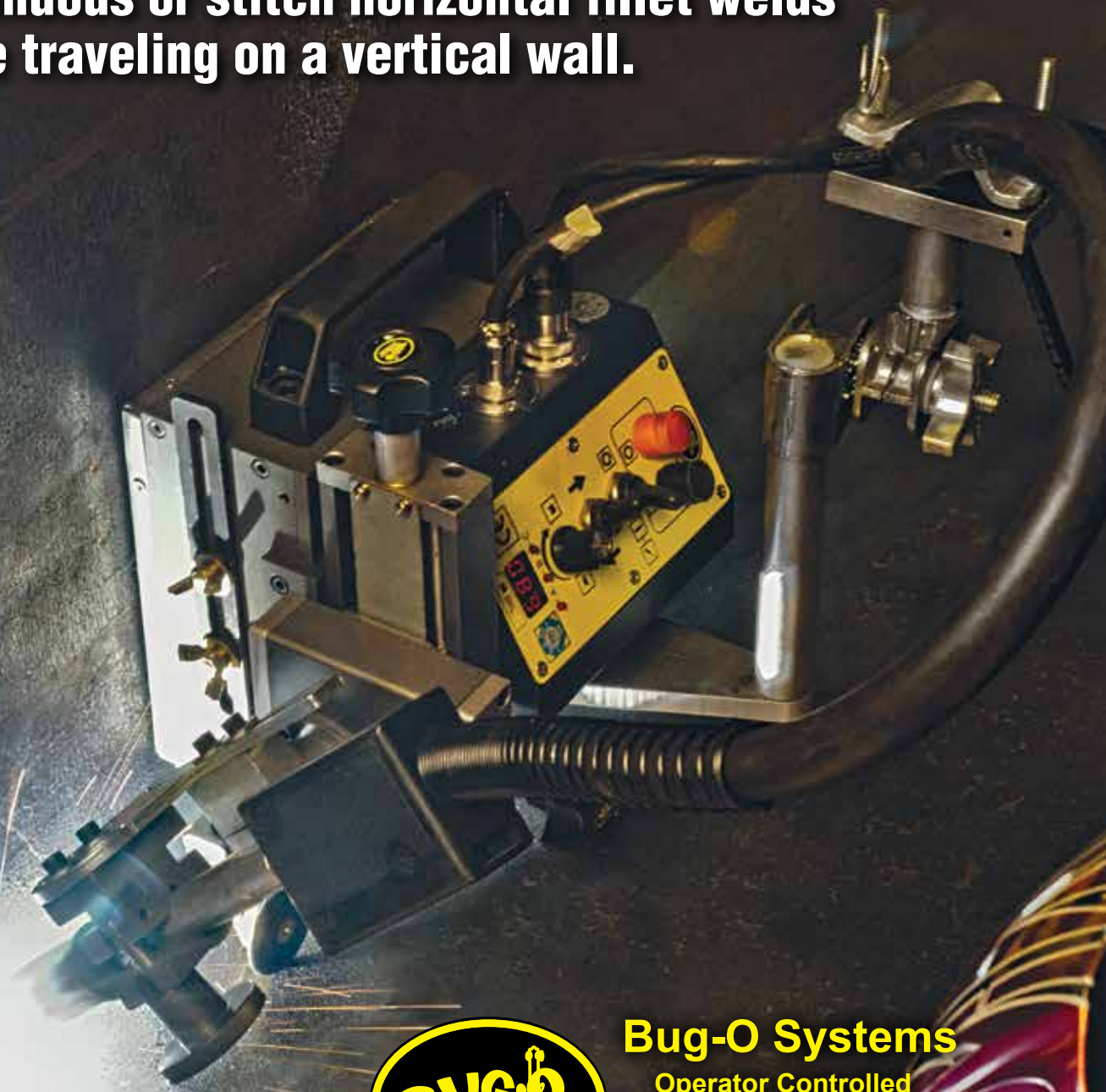


# K-BUG 4000

## DIGITAL, COMPACT FILLET WELDER

A magnetic travel carriage for welding continuous or stitch horizontal fillet welds while traveling on a vertical wall.



**Bug-O Systems**

Operator Controlled  
Mechanization

412-331-1776

[www.bug-o.com](http://www.bug-o.com)

Bug-O Systems is committed to empowering our customers by providing operator controlled mechanized solutions for their welding, cutting and custom applications.



## K-BUG 4000 DIGITAL, COMPACT FILLET WELDER

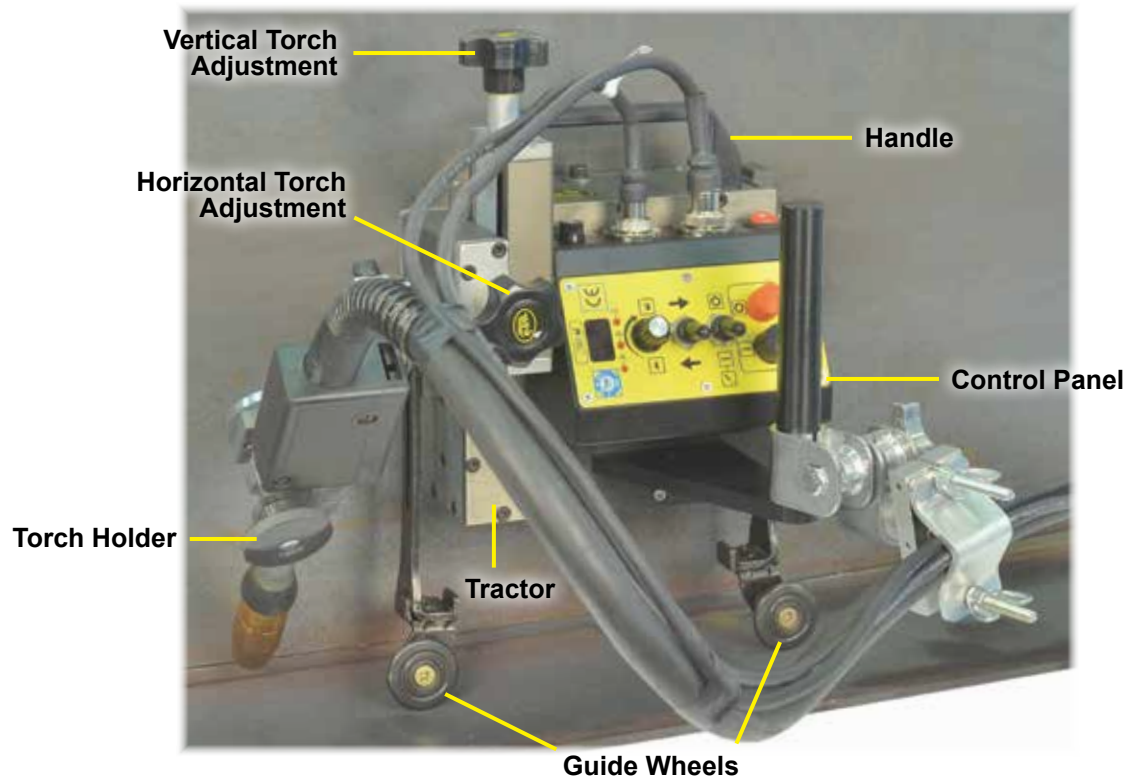
The **K-BUG 4000** digital, compact fillet welder creates continuous or intermittent “stitch” welds at a constant travel speed producing high quality, uniform welds in a fraction of the time required for manual welding. Digital programming of travel pattern and weld control eliminates excessive weld deposition and helps reduce defects. The machine’s guide wheels track the workpiece to provide precise, continuous weld placement.



### Features:

The **K-BUG 4000** 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
- Carriage Travel and arc start in one switch
- Guide wheels track web, or flange, of work piece
- Closed loop speed control provides adjustable and repeatable control
- Programmable control of puddle build at weld start
- Programmable control of crater fill at weld end
- Stores travel settings after power is turned off
- Weld Contactor Enable switch
- Built-in Limit Switches stop tractor travel and welding when activated
- Will climb vertical with 25 lb. (11.5 kg) capacity
- Digital programming of weld length, skip length and total travel distance

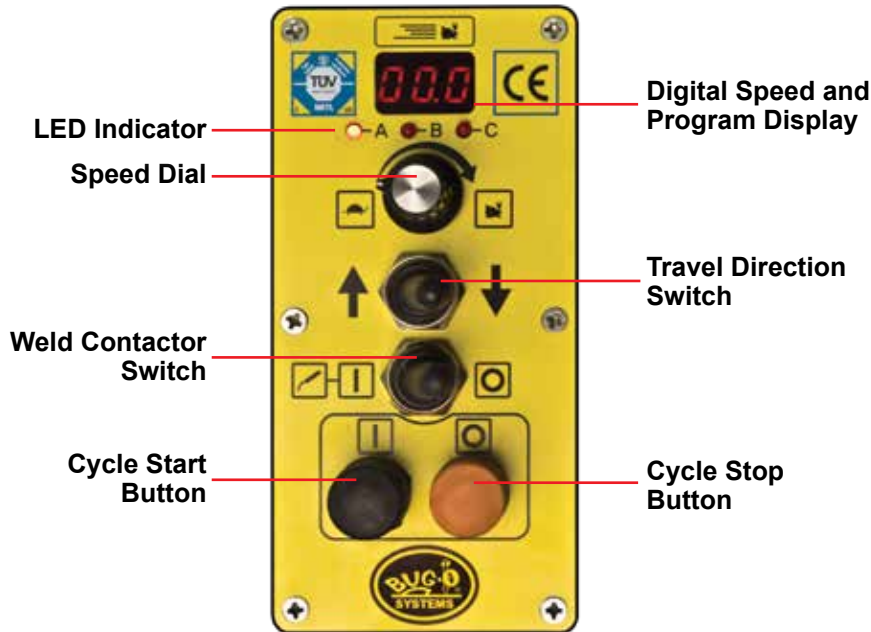






# K-BUG 4000 DIGITAL, COMPACT FILLET WELDER

## Controls:



Continuous Weld



Stitch Weld

## Accessories:



**KBUG-1067 Magwheel Add-On Kit**  
For enhanced tracking of curved or irregular shapes

- 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" (0.89 to 1.59 mm)  
 (B)- Cable Length 15 ft (4.57 m) / 25 ft (7.62 m)



**KBUG-4040 Cable Anchor**  
Now included as standard



# K-BUG 4000 DIGITAL, COMPACT FILLET WELDER

## Technical Data:

Part Numbers:	KBUG-4000 (120VAC) KBUG-4002 (240VAC) KBUG-4004 (42VAC)
Power:	120VAC/50-60Hz/1Ph 240VAC/50-60Hz/1Ph 42VAC/50-60Hz/1Ph
Net Weight:	17 lbs. (7.5 kg)
Shipping Weight:	26.2 lbs. (12 kg)
Shipping Dimensions:	20" x 19" x 15" (508 x 482.6 x 381 mm)
Pulling Power:	25 lbs. (11.5 kg)
Torch Holder:	Fits straight torch
Travel Speed:	0.3 - 77 ipm (0.76 - 195.6 cm per min)
Z and Y Stroke:	1.25" (32 mm)
Welding Position:	Flat "down hand" position



## Dimensions:

Min. 8.2" (208.3 mm)  
Max. 10.8" (274.3 mm)

14.5" (368.3 mm)

