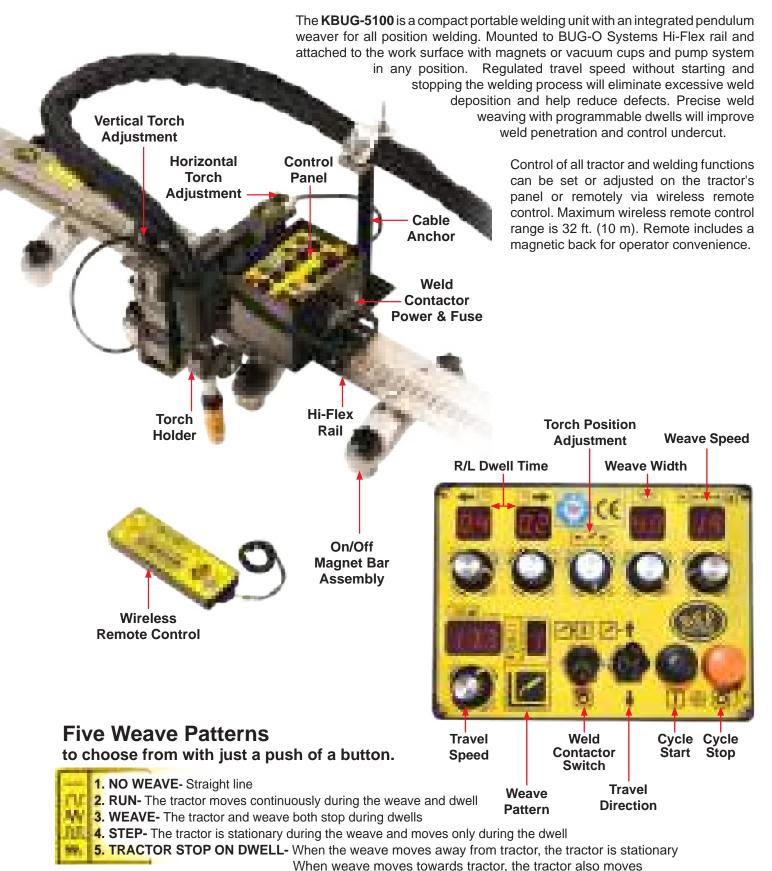




Bug-O Systems is committed to empowering our customers by providing operator controlled mechanization solutions for their welding, cutting and custom applications. 412-331-1776 www.bugo.com



K-BUG 5100 DIGITAL COMPACT ALL POSITION WEAVE WELDER





Features:

- High torque, low inertia motor for precise stops and starts
- Lightweight and easy to carry, weighing just 18 lbs. (8.2 kg)
- Hi-Flex Rail with rack and pinion drive insures precise path and consistent speed
- Hi-Flex Rail flat or bent inside/outside to a radius of 30" (762 mm)
- Precision drive motor prevents unit from moving when power is off
- High geared pendulum motor prevents torch movement when power is off
- High speed motor for pendulum weaving
- Programmable puddle control and crater fill
- Independent control of pendulum weaving right and left dwell times
- Drive unit motor overload protection
- Closed loop speed and position control for adjustable and repeatable operation
- Closed loop speed control to prevent drift from center weld position
- Storage of welding parameters after power is turned off
- · Carriage Travel and arc start in one switch
- Wireless Remote Control
- Independent control of puddle build and crater fill
- Weld Contactor ON/OFF Switch

Torch Options:



 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-6083 Plasma Torch Holder Assembly

Racking Options:



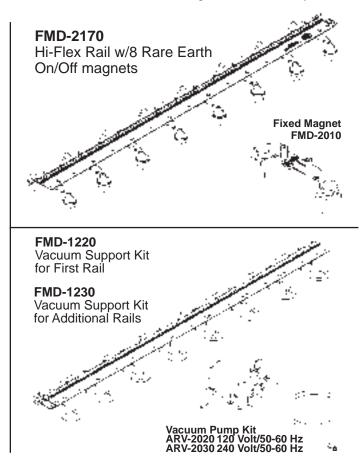


KBUG-5115 Optional Bug-O Style racking group

KBUG-4190 Optional Gun Clamp for gooseneck torches



The **K-BUG 5100** package is designed to run on Bug-O Systems Hi-Flex Rail (FMD) for uses in curved or straight line applications. Carriage wheels run on stainless steel rail that can be mounted with magnets or vacuum system.





Technical Data:

Dimensions:

Power Requirements: KBUG-5100	120VAC/50-60Hz/1Ph	Weaver Speed:	0 to 188 in/min (477 cm/min)
KBUG-5102	240VAC/50-60Hz/1Ph	Weave Width*:	0 to 1.23" (31.24 mm)
Net Weight:	18 lbs. (8.2 kg.)	Cycles*: 68 cycles per min. at 1.05" (26.67 mm) stroke 115 cycles per min. at .525" (13.34 mm) stroke 200 cycles per min. at .25" (6.35 mm) stroke	
Shipping Weight:	24 lbs. (10.9 kg.)		
Welding Position:	All position	Digital LED speed ind	icator: 1 to 34.7 ipm (25 to 88 cm/min)
Torch Holder:	Fits straight torch		
Vertical Lifting Power:	50 lbs. (22.7 kg.)		
Tractor Dimensions: (WxLxH)	12.34 to 14.9 x 9.67 x 8.48 to 10.09 (313.44 to 378.46 x 245.62 x 215.4 to 265.29)		
Torch Support Adj.: Y-Stroke: Z-Stroke:	2.05" (52 mm) ± 5% 1.69" (43 mm) ± 5%	152 A MARINE	
SPK-KBUG-5000:	Spare Parts Kit	n de la companya de l	

* When torch Pivot-to-Tip length is 6" (152.4 mm) as shown above. Increasing the Pivot-to-Tip length will increase the maximum speed and the weave width.

13.8" (350 mm) Min.= 12.3" (312 mm) Max.= 14.9" (378 mm) - 9.7" (246 mm) -

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