

Operator Controlled Mechanization



Powerful Welding Travel Carriages Will Handle The Toughest Applications.

The DC IV Tractor is the basic drive for many Bug-O systems. There are six speed ranges available on the DC IV.



The **BUG-O DC IV** is a dual speed range, positive rack & pinion drive, ready for mounting welding or cutting attachments and accessories. It consists of a DC IV Drive unit mounted on a 12" (305 mm) Carriage. This unit runs on standard Aluminum Rigid Rail & Aluminum Flex Rail.

PATENTS WORLDWIDE

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



BUG-O SYSTEMS
A DIVISION OF WELD TOOLING CORPORATION



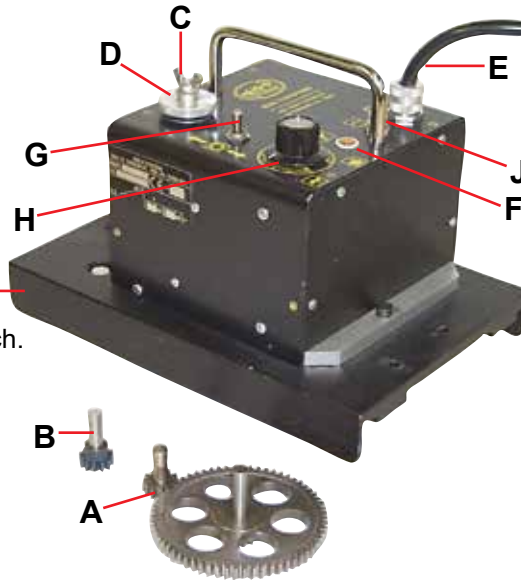
280 TECHNOLOGY DRIVE CANONSBURG, PENNSYLVANIA 15317-9564 USA
PHONE: 1-412-331-1776 <http://www.bugo.com> FAX: 1-412-331-0383



BUG-O DC IV

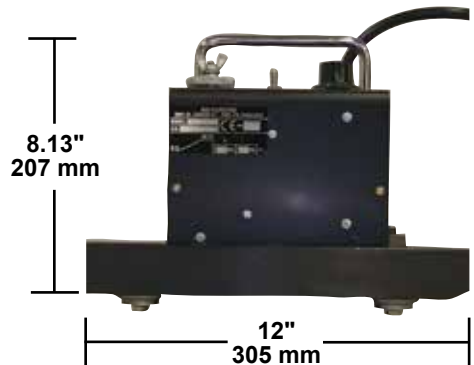
Features:

- C. Wing nut locks clutch.
- D. Cam Clutch engages and disengages the drive.
- E. Power Cord.
- F. Power Indicator Light.
- G. Forward-Off-Reverse Switch.
- H. Infinitely variable speed control.
- J. Circuit Breaker.
- K. Carriage.



Two pinion gears are provided. The factory installed pinion engages the bull gear to provide a high torque, low speed range (A). The user can easily install the alternate pinion to bypass the bull gear and obtain a low torque, high speed range (B).

Dimensions:



Technical Data:

Power

Requirement: -60 watts at rated voltage:

DC IV:	BUG-034	120 VAC/50-60/1
	BUG-044	240 VAC/50-60/1
	BUG-054	42 VAC/50-60/1

Net Weight: 18 lbs. (8 kg)

Shipping

Weight: 20 lbs. (9 kg)

Drive Load Chart

Pinion Gear Used	Speed in/min	Range mm/min	Continuous			Model Number		
			Vert. Load LBS.	KG	Gear Ratio	120/50-60/1	240/50-60/1	42/50-60/1
Low Speed	1.5-30	38-750	50	22	50:1	BUG-0343	BUG-0443	BUG-0543
High Speed	8-160	200-4000	3	1.4				
Low Speed	.7-15	19-380	75	34	100:1	BUG-0345	BUG-0445	BUG-0545
High Speed	4-80	100-2000	15	7				
Low Speed	.5-10	12-255	100	45	150:1	BUG-0346	BUG-0446	BUG-0546
High Speed	2-50	50-1250	30	14				