



# 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

A DIVISION OF WELD TOOLING CORPORATION



3001 WEST CARSON STREET PITTSBURGH, PENNSYLVANIA USA 15204-1899

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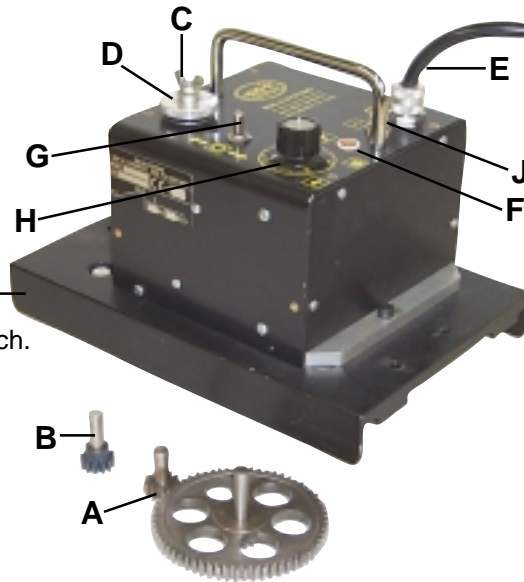
Distributed by Astro Alloys Inc. Houston, Texas 1-877-937-3838



# BUG-O DC IV

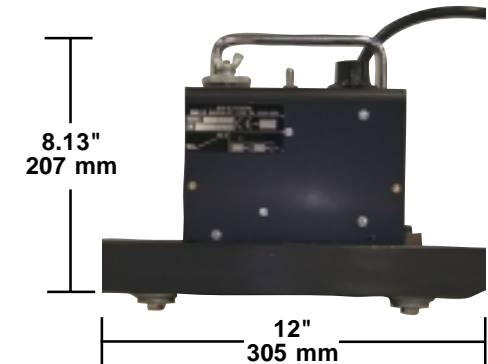
## Features:

- 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:

<b>DC IV:</b>	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				