



Bug-O Systems

Operator Controlled Mechanization

412-331-1776 www.bugo.com

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



A Powerful Solution for Arc Gouging Automation with Precision and Versatility!

Mechanize your Carbon Arc Gouging with Bug-O. A carbon arc gouger paired with the Modular Drive System (MDS) is suitable for most metals and is flexible enough for flat or curved work surfaces in all positions.





ARC GOUGING SYSTEM

Bug-O Systems Automatic Gouging System is designed to be integrated with the Arcair® N7500, which features a high resolution voltage control, automatic feed head and our Modular Drive System travel carriage. This combination regulates an accurate gouging depth and produces a smooth finish. The Automatic Gouging System is suited for long seams and out-of-position work. The gouging head has been redesigned for tool-less adjustments to accept jointed gouging electrodes from 5/16" (8 mm) to 3/4" (19 mm) up to 1600 amps with just the turn of a knob.

Either Constant Voltage (CV) or Constant Current (CC) power sources can be used with the Automatic Gouging System. The mode is interchangeable by means of a toggle switch in the system's automatic controller.

Note: Arcair® N7500 must be purchased separately

Controls:





ARC GOUGING SYSTEM

Gouging Kits

AGS-4050* 1 Rigid Gouging Bug-O Drive 120VAC
(For integration with ArcAir® N7500)

Includes:

PART NO.	QTY	DESCRIPTION
MPD-1065	1	12" Releasable Carriage
MPD-1000 ⁺	1	Master Drive Unit 120VAC
AGS-1002	1	Arc Gouging Control Module
AGS-4172	1	ArcAir® N7500 Mounting Group
BUG-2975	1	Cable Mounting Assembly
ARR-1080	1	Heavy Duty Aluminum Rail
ARM-2010	5	R.E. On/Off Magnet

Note: ArcAir® N7500 must be purchased separately.

Kit remains the same with the exception of the following changes:

*AGS-4052 Rigid Gouging Bug-O Drive 240VAC

⁺MPD-1002 Master Drive Unit 240VAC

Includes:

PART NO.	QTY	DESCRIPTION
AGS-4150*	1	Hi-Flex Gouging Bug-O Drive 120VAC (For integration with ArcAir® N7500)

Includes:

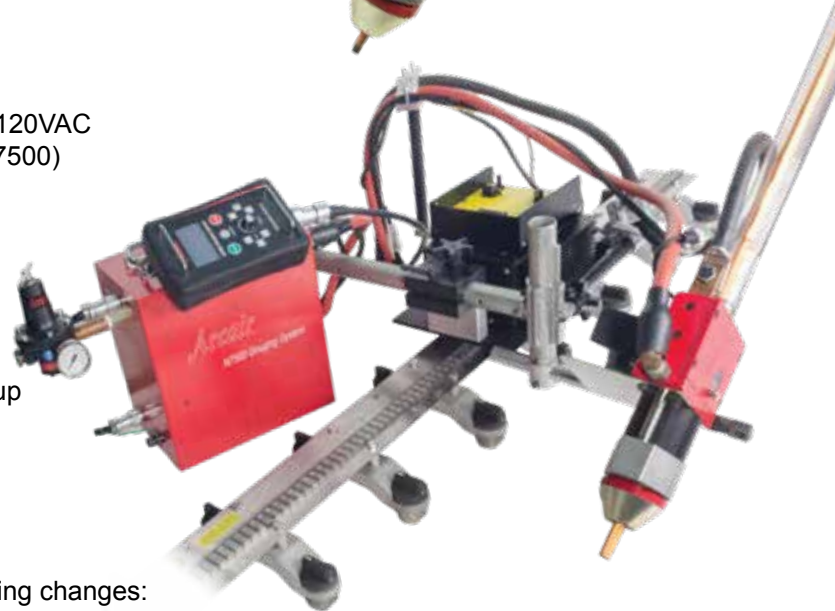
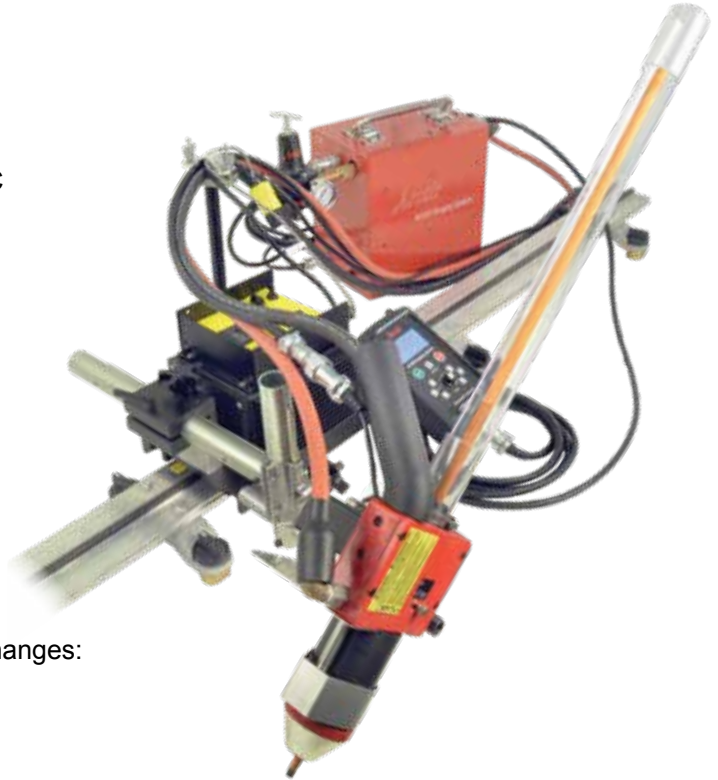
PART NO.	QTY	DESCRIPTION
FMD-1105	1	Hi-Flex Carriage w/ Handle & Clamp
MPD-1000 ⁺	1	Master Drive Unit 120VAC
AGS-1002	1	Arc Gouging Control Module
AGS-4172	1	ArcAir® N7500 Mounting Group
BUG-2975	1	Cable Mounting Assembly
FMD-2170	1	Hi-Flex Rail w/ 8 R.E. On/Off Magnet

Note: ArcAir® N7500 must be purchased separately.

Kit remains the same with the exception of the following changes:

*AGS-4152 Hi-Flex Gouging Bug-O Drive 240VAC

⁺MPD-1002 Master Drive Unit 240VAC



The smooth control of automated gouging provides an optimal work surface for any application.



ARC GOUGING SYSTEM

Technical Data

Dimensions - when integrated w/N7500):	19.8"L x 17-29.15"W x 15"H (502.92 x 431.8-740.4 x 381 mm)
Load Capacity:	Vertical - 60 lbs (27 kg) Horizontal - 100 lbs (46 kg)
Speed Range:	2-120 in/min (51-3048 mm/min)
Drive Weight:	52 lbs (23.59 kg)
Contactor Box:	34 lbs (15.42 kg)
Net Weight:	86 lbs (39.01 kg)
Shipping Weight:	100 lbs (45.36 kg)
Shipping Dimensions:	36"L x 34"W x 22"H (914.4 x 863.6 x 558.8 mm)



Dimensions

