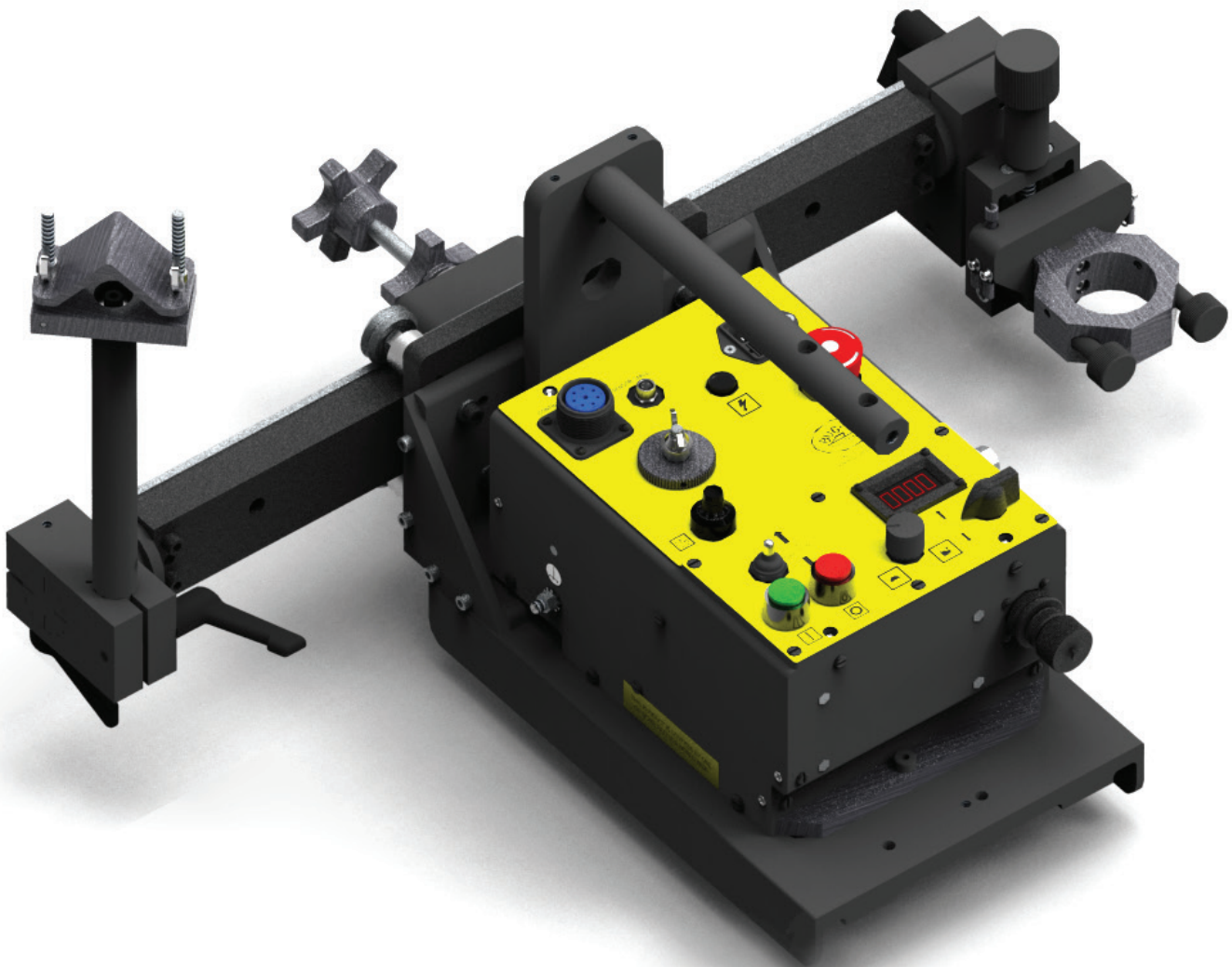




DC-IV MAX

The Turnkey Solution for Off-Table,
Repeatable Beveling and Cutting

The DC-IV MAX is designed to work specifically with
Hypertherm® Powermax® and MAXPRO® plasma systems

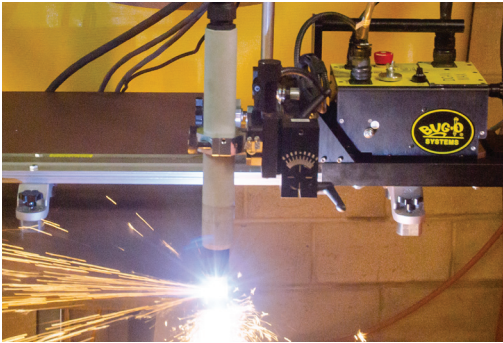


Empowering People to Transform the Welding & Cutting Industry

Phone: 412-331-1776 www.bugo.com



DC-IV MAX

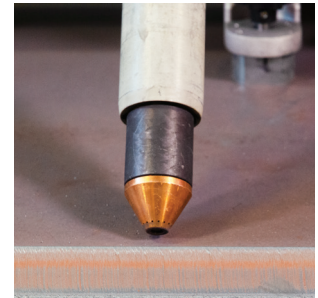


For metal workers who need to easily and repeatably bevel or vertically cut metal, the DC-IV MAX is a unique turnkey solution that combines a purpose built tractor and controller from Bug-O Systems® with a Powermax® series or MAXPRO® plasma cutting system from Hypertherm®.

Utilizing bevel cutting process information and a specialized torch alignment guide, this turnkey solution takes the guesswork out of the setup and operation.

Features:

- **ONETOUCH®** - One button start for both tractor and plasma system.
- Integrated start delay to allow arc transfer before tractor motion
- **PSC®, Process Stop Control** - When the cut is done, the entire process stops automatically.
- Integrated with Hypertherm® Powermax® series and MAXPRO® power sources
- Vertical and bevel cut charts are provided for Powermax® and MAXPRO®
- Torch alignment guide for bevel cutting setup
- Heavy duty racking provides smooth and stable operation
- Independent manual bevel and lead/lag angle controls
- Built-in degree dial on bevel and lead/lag angle
- Torch breakaway with auto process stop
- Auto shutdown at end of plate*
- Pierce timer settable directly in seconds
- Oxy fuel accessory available for cutting >2" (50.8 mm)
- Display shows tractor speed in inches/min or cm/min
- Emergency stop
- Tool-less setup
- Fine speed adjustment
- To accommodate the high frequency starting process of the MAXPRO200®, the MAXPRO200® bundle features hardened electronics with enhanced grounding to ensure reliable use.



Benefits:

As with all Bug-O equipment, you can expect the following advantages:

Increase Productivity - Tool-less setup reduces machine down time, increases operator efficiency, and eliminates lost time due to complicated setups. Bevel and rail alignments offer fast, repeatable setup for both speed and precision.

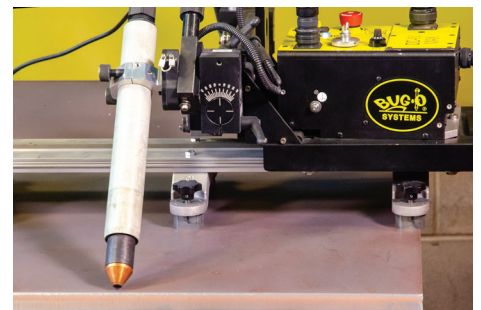
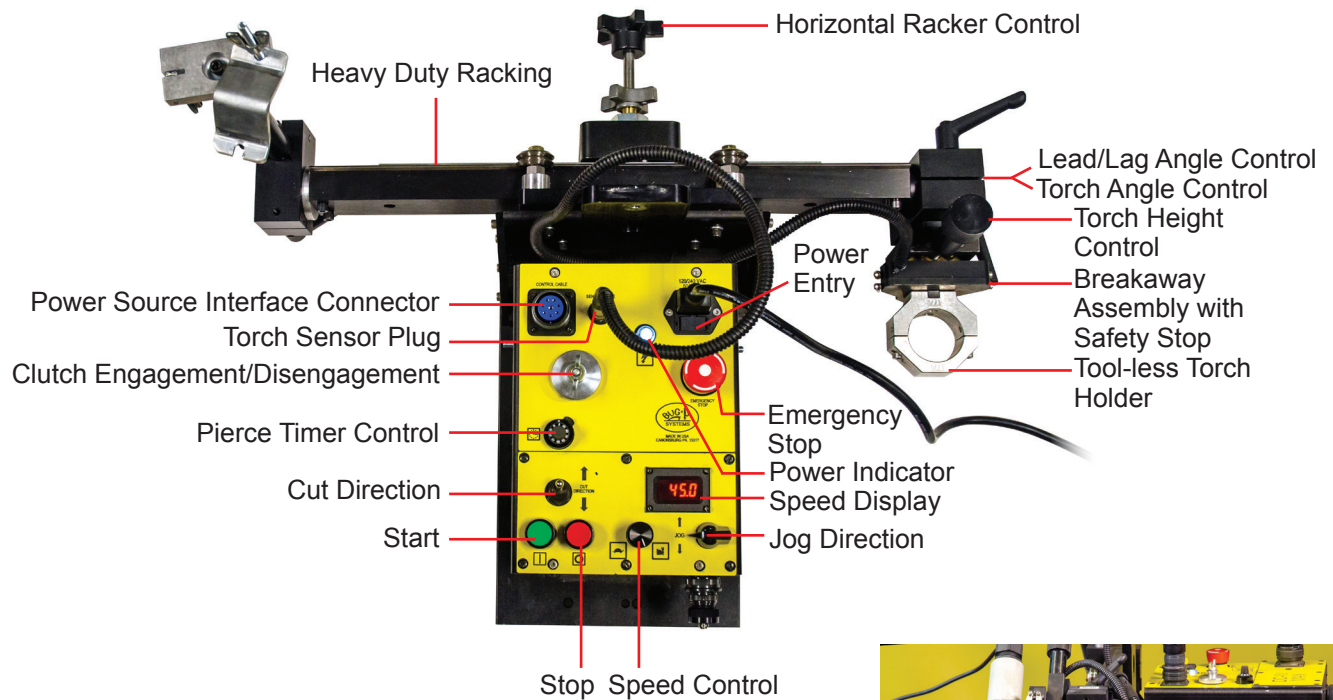
Reduce Material Handling - Lightweight, compact footprint allows for the machine to be brought to the workpiece both inside the shop and out in the field.

Improve Quality - Precision speed control along with rigid aluminum track-based system provides smooth torch motion at optimal travel speeds for high quality plasma cuts. With travel speeds of 0-100 inches per minute (0-254 cm/min) the DC-IV Max has the operating range needed for plasma cutting and gouging with the Powermax® and MAXPRO® plasma systems.

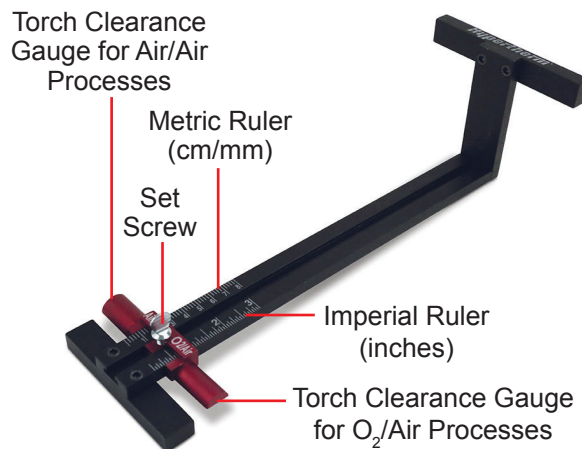
Reduce Distortion and Cut Edge Prep - As compared to oxy fuel cutting the higher torch travel speeds for plasma cutting reduces the risk of metal distortion. Utilizing the supplied Hypertherm® cut charts for optimal setup and operation will increase operator productivity reducing the rework, grinding, and cleanup required after the cut has been made.



DC-IV MAX



Two dimensional bevel angle adjustments built into racking reduces setup time and allows for fast, repeatable cuts and bevels.



Closeup Side View of Torch Clearance Gauge

Torch Alignment Guide - for bevel cutting comes standard in Hypertherm bundles (sold separately without Hypertherm bundle).



DC-IV MAX

Bundles:

Bundle 1: DC-IV MAX, 120V with Powermax125, 480V, 25' torch		
B#100-0600-1 H#	DC-IV MAX,120V, FOR POWERMAX W/ 25' CABLE	
I N C L U D E S	B#100-0701-120 H#	DC IV MAX DRIVE, 120VAC
	B#100-0584-25 H#	DC IV MAX TO PLASMA INTERFACE CABLE, 25FT
	B#100-0601 H#	TORCH ALIGNMENT GUIDE
	(Included w/Bug)	TORCH HOLDER ASSEMBLY, 1.75 DIA B#PWS-4486 H#
100-0593-1 H#059542	POWERMAX 125,480V,CSA,25' TORCH	

Bundle 1-CSA: DC-IV MAX, 120V with Powermax125, 480V, 25' torch,CSA		
B#100-0600-1-CSA H#	DC-IV MAX,120V, CSA,FOR POWERMAX W/ 25' CABLE	
I N C L U D E S	B#100-0701-120-CSA H#	DC IV MAX DRIVE,120VAC, CSA
	B#100-0584-25 H#	DC IV MAX TO PLASMA INTERFACE CABLE, 25FT
	B#100-0601 H#	TORCH ALIGNMENT GUIDE
	(Included w/Bug)	TORCH HOLDER ASSEMBLY, 1.75 DIA B#PWS-4486 H#
100-0593-1 H#059542	POWERMAX 125,480V,CSA,25' TORCH	

Bundle 2: DC-IV MAX, 120V with Powermax125, 480V, 50' torch		
B#100-0600-2 H#	DC-IV MAX, 120V, FOR POWERMAX W/ 50' CABLE	
I N C L U D E S	B#100-0701-120 H#	DC IV MAX DRIVE, 120VAC
	B#100-0584-50 H#	DC IV MAX TO PLASMA INTERFACE CABLE, 50FT
	B#100-0601 H#	TORCH ALIGNMENT GUIDE
	(Included w/Bug)	TORCH HOLDER ASSEMBLY, 1.75 DIA B#PWS-4486 H#
100-0593-2 H#059543	POWERMAX 125,480V,CSA,50' TORCH	



DC-IV MAX

Bundles:

Bundle 2-CSA: DC-IV MAX, 120V with Powermax125, 480V, 50' torch,CSA		
B#100-0600-2-CSA H#	DC-IV MAX,120V,CSA, FOR POWERMAX W/ 50' CABLE	
I N C L U D E S	B#100-0701-120-CSA H#	DC IV MAX DRIVE,120VAC, CSA
	B#100-0584-50 H#	DC IV MAX TO PLASMA INTERFACE CABLE, 50FT
	B#100-0601 H#	TORCH ALIGNMENT GUIDE
	(Included w/Bug)	TORCH HOLDER ASSEMBLY, 1.75 DIA B#PWS-4486 H#
100-0593-1 H#059543	POWERMAX 125,480V,CSA,50' TORCH	

Bundle 3: DC-IV MAX, 120V with Powermax125, 600V, 25' torch,CSA		
B#100-0600-1-CSA H#	DC-IV MAX,120V, CSA,FOR POWERMAX W/ 25' CABLE	
I N C L U D E S	B#100-0701-120-CSA H#	DC IV MAX DRIVE,120VAC, CSA
	B#100-0584-25 H#	DC IV MAX TO PLASMA INTERFACE CABLE, 25FT
	B#100-0601 H#	TORCH ALIGNMENT GUIDE
	(Included w/Bug)	TORCH HOLDER ASSEMBLY, 1.75 DIA B#PWS-4486 H#
100-0593-3 H#059550	POWERMAX 125,600V,CSA,25' TORCH	

Bundle 4-CSA: DC-IV MAX, 120V with Powermax125, 600V, 50' torch,CSA		
B#100-0600-2-CSA H#	DC-IV MAX,120V, CSA,FOR POWERMAX W/ 50' CABLE	
I N C L U D E S	B#100-0701-120-CSA H#	DC IV MAX DRIVE,120VAC, CSA
	B#100-0584-50 H#	DC IV MAX TO PLASMA INTERFACE CABLE, 50FT
	B#100-0601 H#	TORCH ALIGNMENT GUIDE
	(Included w/Bug)	TORCH HOLDER ASSEMBLY, 1.75 DIA B#PWS-4486 H#
100-0593-3 H#059551	POWERMAX 125,600V,CSA,50' TORCH	



DC-IV MAX

Bundles:

Bundle 5: DC-IV MAX, 240V with Powermax125, 400V, 25' torch, CE		
B#100-0600-3 H#	DC-IV MAX,240V,CE FOR POWERMAX W/ 25' CABLE	
I N C L U D E S	B#100-0701-240 H#	DC IV MAX DRIVE,240VAC CE
	B#100-0584-25 H#	DC IV MAX TO PLASMA INTERFACE CABLE, 25FT
	B#100-0601 H#	TORCH ALIGNMENT GUIDE
	(Included w/Bug)	TORCH HOLDER ASSEMBLY, 1.75 DIA B#PWS-4486 H#
100-0593-3 H#059532	POWERMAX 125,600V,CSA,25' TORCH	

Bundle 6: DC-IV MAX, 240V with Powermax125, 400V, 50' torch,CE		
B#100-0600-4 H#	DC-IV MAX,240V,CE,FOR POWERMAX W/ 50' CABLE	
I N C L U D E S	B#100-0701-240 H#	DC IV MAX DRIVE,240VAC CE
	B#100-0584-50 H#	DC IV MAX TO PLASMA INTERFACE CABLE, 50FT
	B#100-0601 H#	TORCH ALIGNMENT GUIDE
	(Included w/Bug)	TORCH HOLDER ASSEMBLY, 1.75 DIA B#PWS-4486 H#
100-0593-6 H#059533	POWERMAX 125,400V,CE,50' TORCH	

Note: Rails and magnets are not included with bundles. See "Accessories" section on page 7 for more information.



DC-IV MAX

Accessories:

The most common rail used with the DC-IV MAX is the 8 ft rail with two magnet sets and two spacers as follows:

1 x ARR-1080	Heavy Duty Aluminum Rigid Rail, 8'
2 x ARM-2010	Rare Earth On/Off Magnet
2x ARM-2015	Spacer Bar for ARM-2010

Pendant (*Field or factory installed option*)

100-0695

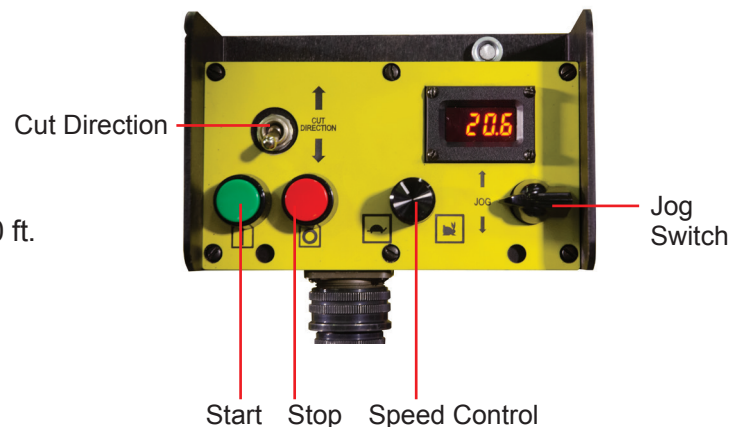
Pendant Cable (*Required with Pendant*)

GOF-4160-XX Specify Length: 10 ,15, 25 and 30 ft.

Oxy-Fuel Kit, Dual Voltage Solenoid

100-0699

NOTE: Torch and longer 3 hose assembly ordered separately or customer supplied
No arc On/Off cable required



Limit Kit - halts motion and cutting when limit hit. Allows unattended end of plate shutdown when arc gouging and cutting mesh where the built in auto stop is not supported.

100-0697



Pelican Case - A hardshell case is available for shipping and storage.

100-0714

Optional torch holders

100-0598	1.39" dia. torch	Standard 1 3/8" torch diameter / standard oxy fuel torch diameter (has slot to accommodate torches with rack)
100-0608	1.43" dia. torch	Hypertherm® 105 torch
100-0783	2.02" dia. torch	Torch Holder Assembly (with or without rack)

Spare Parts Kit

100-0698



DC-IV MAX

Technical Data:

Model No.: 100-0701-XXX

Power

Requirements:	Voltage/Hz	Amps
	120 VAC/50-60Hz	1A
	240 VAC/50-60Hz	0.5A

Dimensions: 19.938" L x 25.250" W x 15.250" H
(506,41 x 641,35 x 387,35 mm)

Vertical Load

Capacity: 13 lbs. (15,4 Kg)

Horizontal

Load Capacity: 60 lbs. (27 Kg)

Speed Range: 2.5-100 in/min (6.4-254 cm/min)

Net Weight: 34 lbs. (15,4 Kg)

Shipping

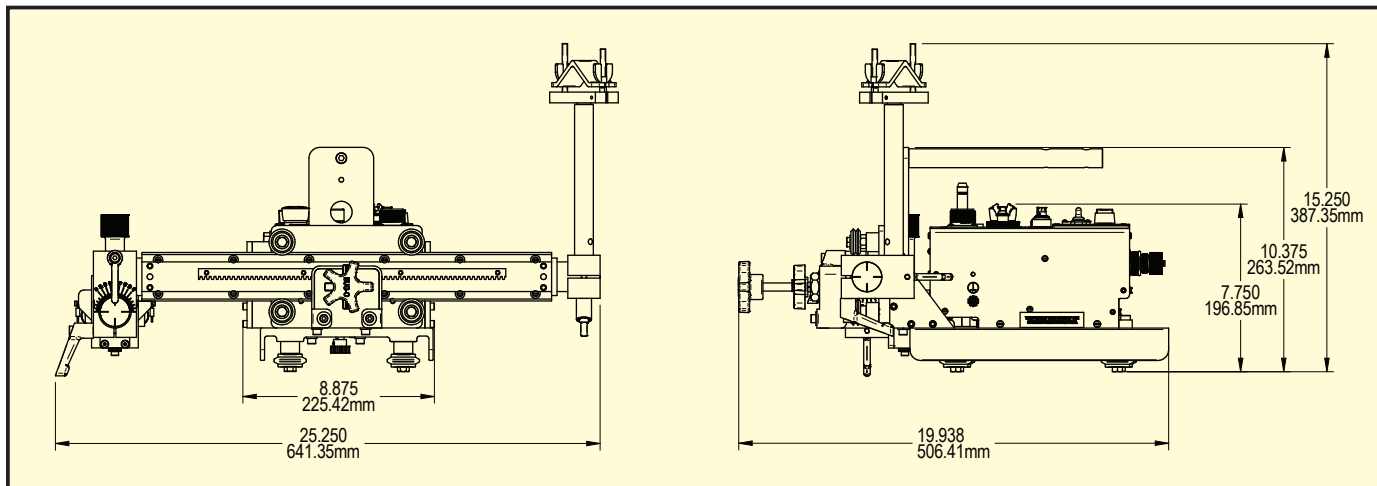
Weight: 48 lbs. (21,8 Kg)

Operating

Temperature: 32°F - 104°F (0°C - 40°C)



Dimensions:



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