

HOBART®

HOBART BROTHERS CO.
TROY, OHIO USA

5/3/1
INDUSTRIAL
WARRANTY

Handler® 125

115V Wire Feed Welder



211764
Nov. 2012



#500495

Includes:

- Comfortable 8-ft. (2.4 m) H-9B gun
- 10-ft. (3 m) work cable with clamp
- Sample spool of .030 in. (0.8 mm) self-shielding flux-cored wire
- .030 in. (0.8 mm) contact tips
- Spool shaft to accommodate 4 in. spools (Optional hub kit available for 8 in. spools)
- Power cord with plug
- Weld set-up chart
- Owner's manual with parts lists, installation, operation and maintenance guidelines

The Handler 125 is a rugged constant-voltage DC welder with built-in wire feeder, that operates off 115-volt household current. It comes ready to weld, without shielding gas, using .030–.035 in. (0.8–0.9 mm) self-shielding flux-cored wire. This is a great unit for outdoor applications when shielding gas could be blown away. Welds up to 3/16 in. steel with flux-cored wire.

This welder is equipped with a built-in gas valve, and with the addition of a regulator and shielding gas, you're ready to MIG weld with .023–.030 in. (0.6–0.8 mm) solid wire. Use C-25 gas (75% Argon/25% CO₂) on 24 gauge–1/8 in. steel for a cleaner weld with less spatter. Use Tri-Mix gas and stainless wire for welding on 16–12 ga. stainless steel.

Applications:

Home, farm and ranch and light fabrication projects.

- Mower Decks/Brackets
- Fences/Gates
- Kennels
- Signs
- Window Security Guards
- Grills/Smokers
- Firewood Racks
- Metal Furniture
- Machinery and Auto Repair, etc.

Features

Benefits

Broad output range of 30–125 A	Allows you to weld up to 3/16 in. steel with flux-cored wire.
Four output voltage settings with wire feed speed tracking	Provides a broader operating window for each wire, with quick and easy adjustment for different thicknesses and joints.
Built-in contactor	Eases use and excellent safety feature which makes wire electrically “cold” until trigger is pulled.
Durable feed head with quick-release drive roll tension lever	Positive feed with adjustable tension plus easy accessibility to thread new wire.
Dual-groove quick-change drive roll	Makes it easy to change from one wire size to another. One knurled groove for .030–.035 in. (0.8–0.9 mm) wire, and one smooth groove for .023/.025 in. (0.6 mm) wire.
Short circuit protection	Protects unit against current overload.
Self-resetting thermal overload	Protects power transformer to ensure reliability.
Self-resetting motor protection	Protects wire feed system from overload, no fuses to change or circuit breaker buttons to reset.
Hobart's 5/3/1 Industrial Warranty	Five-year warranty on transformers, three years on electronics (drive motors, rectifiers) and one year on guns.

Specifications (SUBJECT TO CHANGE WITHOUT NOTICE.)



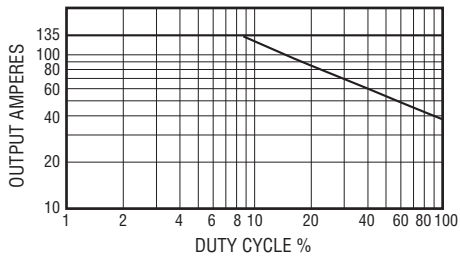
Rated Output	Current Range	Max. Open-Circuit Voltage	Wire Feed Speed Range	Amps Input at Rated Output, 60 Hz, 1-Phase			Dimensions	Net Weight
				115 V	KVA	KW		
85 A, 17.5 VDC, at 20% Duty Cycle	30–125 A	26 V	50–400 IPM (1.3–10.2 MPM) 120–480 IPM (3–12 MPM) at no load	20	2.9	2.5	H: 16-7/8 in. (429 mm) W: 9-7/8 in. (251 mm) D: 12-1/8 in. (308 mm)	50 lb. (22.7 kg)
60 A, 20 VDC at 20% Duty Cycle*				15*	2.2*	1.77*		

*CSA rating.

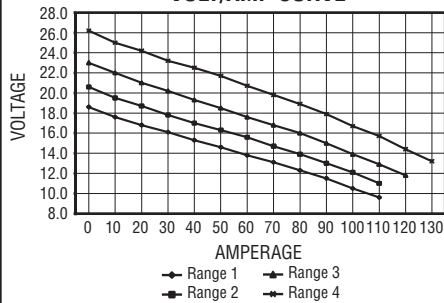
*CSA Certified by Canadian Standards Association to both the Canadian and U.S. Standards.

Performance Data

DUTY CYCLE CURVE



VOLT/AMP CURVE

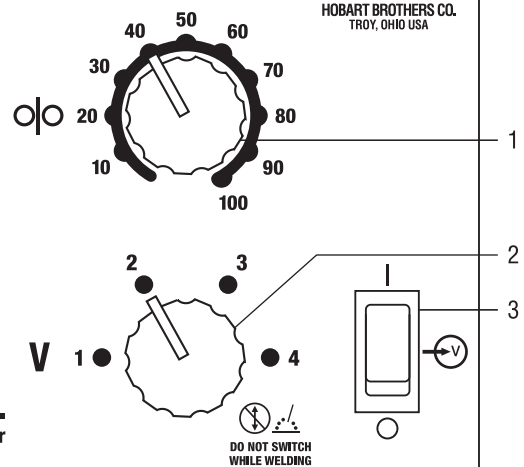


Control Panel

HOBART®

Handler® 125

115V Wire Feed Welder
30–125 Amp Output



1. Wire Speed Control
2. Voltage Control Switch
3. Power Switch

Accessories

H-9B Replacement Gun

Hobart/Miller #195157R

Comes in 8 ft. (2.4 m) length with liner for .030–.035 in. (0.8–0.9 mm) diameter wire.

Hub Kit #195216

For using 8 in. (52 mm) wire spools.



Fixed Flow Regulator

#770717

For use with mixed-gas cylinders. Comes with installed 3.5 ft. (1.1 m) gas hose.



Small Cart/Cylinder Rack #194776

Designed for portable MIG welders. Accommodates large and small gas cylinders.



Protective Cover #195186

Weather-resistant nylon resists stains and mildew while protecting the finish of your welder.

Consumables

Item	Hobart Package Part #	Miller Package Part #
Contact Tips		
.023/.025 in. (0.6 mm)	#770174 (5 per package)	#087 299 (10 per package)
.030 in. (0.8 mm)	#770177 (5 per package)	#000 067 (10 per package)
.035 in. (0.9 mm)	#770180 (5 per package)	#000 068 (10 per package)
Replacement Drive Roll	#212379R	#212 379
MIG Nozzle	#770404	#169 715
Gasless Flux-cored Nozzle	#770487	#226 190
Tip Adapter	#770402	#169 716
Liner	#210970R	#210 970



Hobart Welders An Illinois Tool Works Company

Hobart Welding Products Service 800-332-3281 Sales 800-626-9420

Litho in USA

hobartwelders.com

