

# Handler® 125

## 120-Volt Wire Feed Welder



284611  
January 2019

120 V



**NEW!**

500573

### Quick Specs

**DC** **CV** **1** Phase

#### Welding Amp Range

25–130 A

#### Rated Output

80 A at 25% duty cycle

#### Mild Steel Thickness Range

24 ga. – 3/16 in.

**5/3/1**  
INDUSTRIAL  
WARRANTY

### Easy-to-Use, Ready-to-Weld.

The Handler 125 is a reliable constant-voltage DC welder with built-in wire feeder, that operates on 120-volt household current. It comes ready to weld, without shielding gas, using .030–.035 inch (0.8–0.9 mm) self-shielding flux-cored wire. It can weld 24-gauge to 3/16-inch steel with flux-cored wire.

This welder is equipped with a factory-installed gas solenoid. With the addition of an optional regulator and shielding gas, you're ready to MIG weld with .023–.030 inch (0.6–0.8 mm) solid wire in the traditional two-knob control mode. Use C-25 gas (75% argon/25% CO<sub>2</sub>) on 24 gauge–1/8 inch steel for a cleaner weld with less spatter. Use Tri-Mix gas and stainless wire for welding on 18–12 gauge stainless steel.

#### Applications

- Light maintenance/repair
- Kennels
- Grills/smokers
- DIY
- Farm/ranch
- Signs
- Fences/gates
- Home repair

#### Includes

- 8 ft. (2.4 m) H100F2-8 gun with liner for .030–.035 in. (0.8–0.9 mm) diameter wire
- Work cable with clamp
- Power cord with plug
- Two .030 in. (0.8 mm) contact tips
- Weld set-up chart
- Owner's manual with parts list, installation, operation and maintenance guidelines

Features	Benefits
<b>Broad output range of 25–130 amps</b>	Allows you to weld up to 3/16-inch steel with flux-cored wire.
<b>Four output voltage settings</b>	Provides a broad operating window for each wire, with quick and easy adjustment for different thicknesses and joints.
<b>Spool hub assembly accommodates 4- or 8-inch spools</b>	Offers you flexibility to use small or large spools of wire to better suit your welding needs.
<b>Factory-installed gas solenoid</b>	Makes it easy to change from flux-cored to MIG welding.
<b>Built-in contactor</b>	Eases use and excellent safety feature which makes wire electrically “cold” until gun trigger is pulled.
<b>Durable feed head with quick-release drive roll tension lever</b>	Positive feed with adjustable tension plus easy accessibility to thread new wire.
<b>Self-resetting thermal overload</b>	Protects power transformer to ensure reliability.
<b>Hobart's 5/3/1 industrial warranty</b>	Five-year warranty on transformers, stabilizers and main rectifiers; three years on generators, PC boards and drive systems; and one year on guns (MIG, plasma and TIG torches).

### Specifications (Subject to change without notice.)

**DC** **CV** **1** Phase

Welding Amp Range	Rated Output	Amps Input at Rated Output, 60 Hz			Max. Open-Circuit Voltage	Wire Feed Speed Range	Dimensions	Net Weight
		120 V	KVA	KW				
25–130 A	80 A at 25% duty cycle 50 A at 60% duty cycle 40 A at 100% duty cycle	21.3	2.59	2.23	28 VDC	88–545 ipm (2.2–13.8 mpm)	H: 13.5 in. (343 mm) W: 10 in. (254 mm) D: 19.4 in. (493 mm)	57.5 lb. (26 kg)

Conforms to ANSI/IEC Std. 60974-1.  
Conforms to CSA Std. E60974-1.



#### Hobart Welding Products

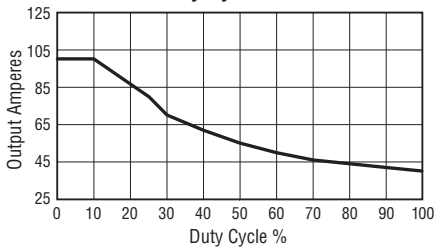
An ITW Welding Company  
Sales: 800-626-9420  
Service: 800-332-3281

#### HobartWelders.com

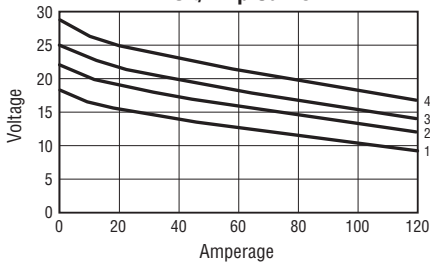


## Performance Data

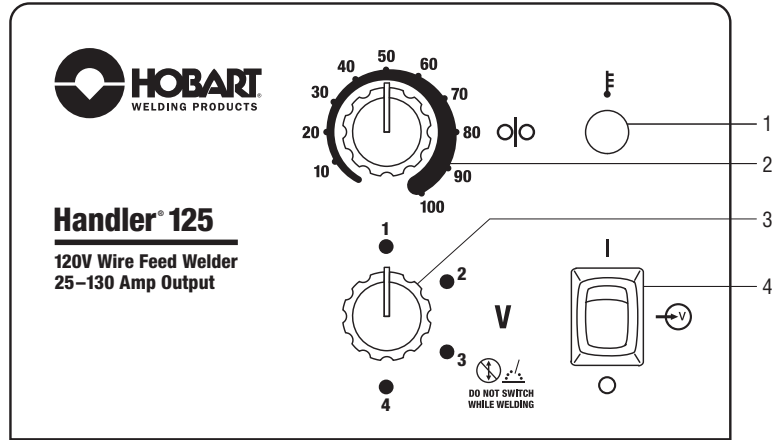
**Duty Cycle Curve**



**Volt/Amp Curve**



## Control Panel



**Handler<sup>®</sup> 125**  
120V Wire Feed Welder  
25–130 Amp Output

1. Over Temperature Light
2. Wire Speed Control
3. Voltage Control Switch
4. Power Switch

## Accessories



**H100F2-8 Replacement Welding Gun**  
Hobart/Miller 270629

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



**Flux-cored Nozzle 770487**  
For use with self-shielding flux-cored wires.

**Gas Hose 269815**  
5 ft. reinforced PVC hose with fittings.

**Flow Gauge MIG Regulator 770198**  
For use with 100% argon and argon/CO<sub>2</sub> mixed gases.



**Protective Cover 195186**  
Weather-resistant nylon resists stains and mildew while protecting the finish of your welder.



**Small Cart/Cylinder Rack 194776**  
Designed for portable MIG welders. Accommodates large and small gas cylinders.

## Consumables

Item	Hobart Package Part #	Miller Package Part #
<b>Contact Tips</b>		
.030 in. (0.8 mm)	770177 (5 per package)	000067 (10 per package)
.035 in. (0.9 mm)	770180 (5 per package)	000068 (10 per package)
<b>Replacement Drive Roll</b>	212379R	212379
<b>Tip Adapter</b>	770402	169716
<b>Liner</b>	210970R	210970