

# Handler® 100

## 115-Volt Wire Feed Welder



280776  
September 2022



500572

### Quick Specs



#### Welding Amp Range

30–100 A

#### Rated Output

80 A at 18 VDC, 20% duty cycle

#### Thickness Range

18 ga.–3/16 in.



### Reliable, durable machine provides up to 100 amps of power.

The Handler 100 operates off common 115-volt power and is the perfect wire feed welder for the beginner or personal user. With the addition of a roll of .030–.035 in. (0.8–0.9 mm) flux-cored welding wire, this welder is ready to weld (without shielding gas).

It can weld 18 ga. to 3/16 in. steel with flux-cored wire and is ideal for farm/ranch applications, light fabrication, and light maintenance and repair.

#### Applications

- Light maintenance/repair
- Farm/ranch
- DIY

#### Includes

- Comfortable 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
- .030 in. (0.8 mm) contact tips
- Power cord with plug
- Weld set-up chart
- Owner's manual with parts list, installation, operation and maintenance guidelines

Features	Benefits
<b>Broad output range of 30–100 A</b>	Allows you to weld up to 3/16 in. (4.8 mm) 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>Durable feed head with quick-release drive roll tension lever</b>	Positive feed with adjustable tension plus easy accessibility to thread new wire.
<b>Short circuit protection</b>	Protects unit against current overload.
<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.)



Welding Amp Range	Rated Output	Amps Input at Rated Output, 60 Hz			Max. Open-Circuit Voltage	Wire Feed Speed Range	Dimensions	Net Weight
		115 V	KVA	KW				
30–100 A	80 A at 18 VDC, 20% duty cycle 45 A at 16.25 VDC, 60% duty cycle 30 A at 15.5 VDC, 100% duty cycle	21.2	2.69	2.45	40 VDC	90–320 ipm (2.3–8.1 mpm)	H: 13.5 in. (343 mm) W: 10 in. (254 mm) D: 16 in. (406 mm)	44 lb. (20 kg)



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



#### Hobart Welding Products

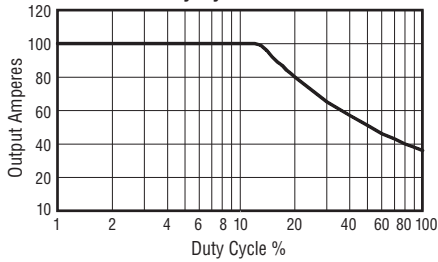
An ITW Welding Company  
Sales: 800-626-9420  
Service: 800-332-3281

#### HobartWelders.com

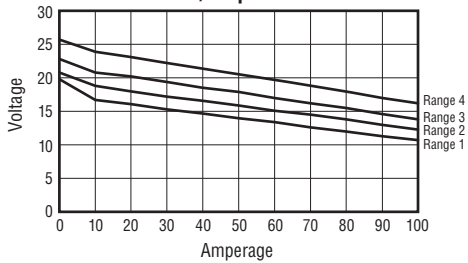


## Performance Data

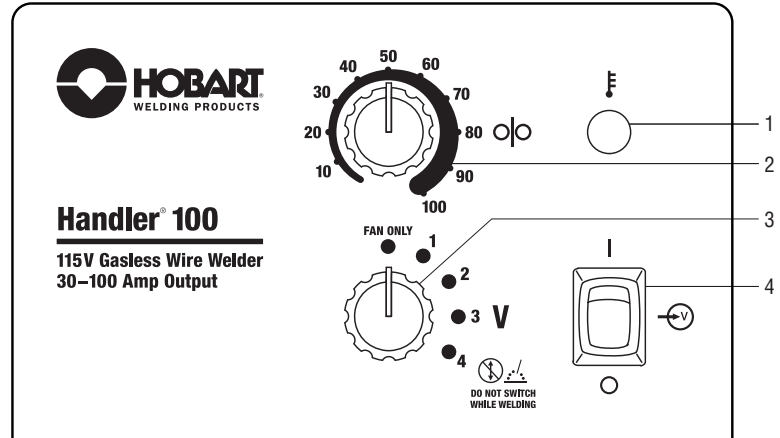
**Duty Cycle Curve**



**Volt/Amp Curve**



## Control Panel



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.



**Small Running Gear/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>Gasless Flux-cored Nozzle</b>	770487	226190
<b>Tip Adapter</b>	770402	169716
<b>Liner</b>	210970R	210970