

Handler® 100

115-Volt Wire Feed Welder



280776
February 2018



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 115-volt household 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/home applications, light fabrication, and light maintenance and repair.

Applications

- Light maintenance/repair
- Farm/ranch
- DIY
- Home repair

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
Broad output range of 30–100 A	Allows you to weld up to 3/16 in. (4.8 mm) steel with flux-cored wire.
Four output voltage settings	Provides a broad operating window for each wire, with quick and easy adjustment for different thicknesses and joints.
Spool hub assembly accommodates 4- or 8-inch spools	Offers you flexibility to use small or large spools of wire to better suit your welding needs.
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.
Short circuit protection	Protects unit against current overload.
Self-resetting thermal overload	Protects power transformer to ensure reliability.
Hobart's 5/3/1 industrial warranty	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.
Intertek



Hobart Welding Products

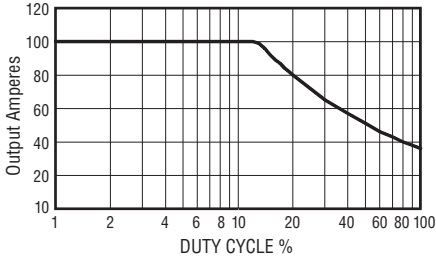
An ITW Welding Company
Sales: 800-626-9420
Service: 800-332-3281

HobartWelders.com

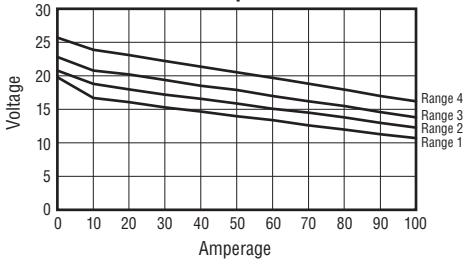


Performance Data

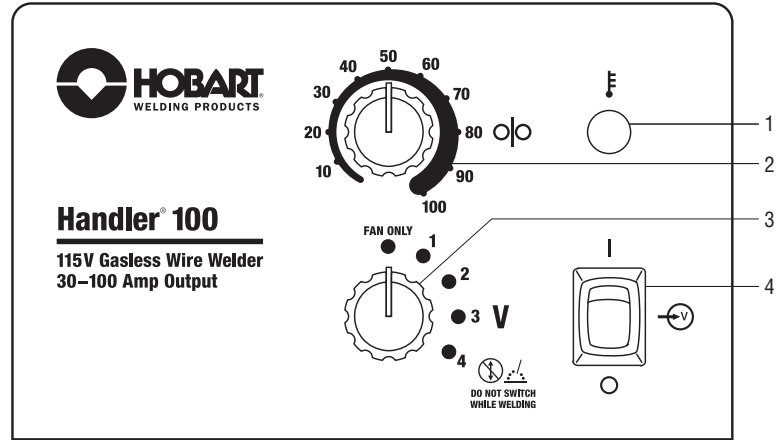
Duty Cycle Curve



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 #
Contact Tips		
.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)
Replacement Drive Roll	212379R	212379
Gasless Flux-cored Nozzle	770487	226190
Tip Adapter	770402	169716
Liner	210970R	210970