

# Champion® 145

## Portable Engine-Driven DC Stick Welder with Auxiliary Power



251448  
May 2023



500563 (includes running gear)

### Quick Specs

**Welding Amp Range**  
40–145 A

**Rated Output**  
130 A at 25 V, 30% duty cycle

**Auxiliary Power**  
4,500 W peak, 4,000 W continuous



### Built tough for portable welding applications.

Lightweight and compact, the Hobart Champion 145 engine-driven welder provides stick welding capability. It delivers up to 145 amps to weld with up to 5/32-inch electrodes, making it an ideal choice for maintenance and repair projects. This welder is a good source of auxiliary power, providing up to 4,500 starting watts for hand tools, grinders, work lights and battery chargers.

Engine is warranted separately by the engine manufacturer.

#### Applications

- Farm/ranch
- Light maintenance and repair
- Light fabrication

Features	Benefits
<b>Auxiliary power</b>	Portable power — 4,500 starting watts and 4,000 watts continuous.
<b>Briggs &amp; Stratton® engine</b>	Fuel-efficient engine with 6.25-gallon fuel tank for longer run times.
<b>Versatile receptacle package</b>	Unit features four 120 V, 20 A GFCI receptacles and one 240 V (6-50R) receptacle with covers.
<b>145-amp DC welder</b>	Can handle DC stick electrodes up to 5/32 inch diameter.
<b>Built-in running gear</b>	Easy to move for convenient portable power.
<b>Hobart 5/3/1 industrial warranty</b>	Five-year warranty on transformers, stabilizers and main rectifiers; three years on auxiliary power, 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	Single-Phase Auxiliary Power	Dimensions	Net Weight
40–145 A	130 A at 25 V, 30% duty cycle	4 kVA/kW, 120/240 V, 60 Hz	H: 24.75 in. (629 mm) W: 20.625 in. (524 mm) D: 31.25 in. (794 mm)	222 lb. (101 kg) w/running gear 207 lb. (94 kg) machine only

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

Engine Brand	Displacement	Engine Type	Start Ignition	Fuel Capacity	Oil Capacity
Briggs & Stratton 1450 Intek™ Series with 2-year mfg. warranty (consumer use), 1-year mfg. warranty (commercial use)	306 CC	One-cylinder, four-cycle, overhead valve, air-cooled, gasoline	Recoil	6.25 gal. (23.7 L)	28 oz. (0.8 L)

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



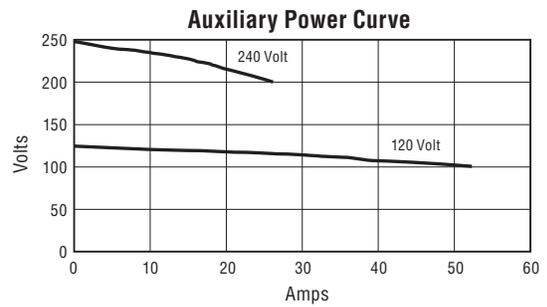
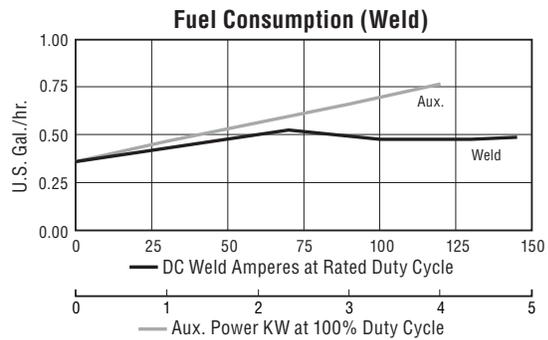
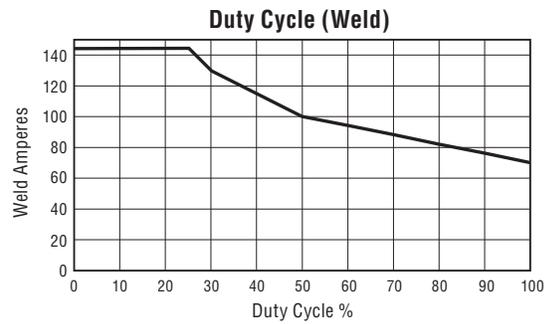
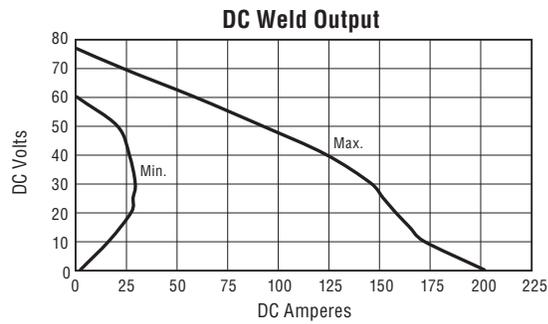
#### Hobart Welding Products

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

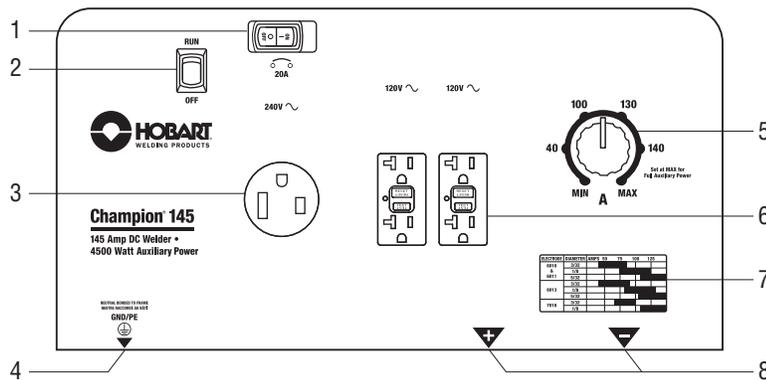
#### HobartWelders.com



## Performance Data



## Control Panel



1. Supplementary Protection
2. Engine Switch
3. One 240 V (6-50R) Receptacle
4. Ground Protection
5. Single Amperage Control
6. Four 120 V, 20 A GFCI Receptacles
7. Quick-Reference Parameter Chart
8. Weld Output Studs

## Accessories



### Protective Cover 770714

Vinyl-laminated polyester cover is UV-resistant, waterproof and extremely durable. It resists stains,

mildew and fading, while protecting the finish of your engine-driven welder. Large pocket on front is convenient for holding cables.



### Lifting Eye 195353

**No. 2 Stick Cable Set, 50 ft. 195195**  
Consists of 50-foot (15 m) No. 2 electrode cable with holder, and 50-foot (15 m) work cable with clamp. 200 A, 100% duty cycle.

**No. 4 Stick Cable Set, 20/15 ft. 193067**  
Consists of 20-foot (6.1 m) No. 4 electrode cable with holder, and 15-foot (4.6 m) work cable with clamp. 125 A, 100% duty cycle.