

Champion® 145

All-in-One DC Stick (SMAW) Welder and AC Generator



251448
September 2022



500563 (includes running gear)

Quick Specs

Welding Amp Range

40–145 A

Rated Output

130 A at 25 V, 30% duty cycle

Generator Power

4,500 W peak, 4,000 W continuous



DC stick welder and AC generator in one compact package.

Lightweight and compact, the Hobart Champion 145 welder/generator provides you with the power you need wherever and whenever you need it. As a DC welder, the Champion 145 delivers up to 145 amps of welding power, making it an ideal choice for maintenance and repair projects. This unit is an excellent source of generator power, providing up to 4,500 starting watts of AC power 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
Generator power	Portable power — 4,500 starting watts and 4,000 watts continuous.
Briggs & Stratton® engine	Fuel-efficient engine with 6.25-gallon fuel tank for longer run times.
Versatile receptacle package	Unit features four 120 V, 20 A GFCI receptacles and one 240 V (6-50R) receptacle with covers.
145-amp DC welder	Can handle DC stick electrodes up to 5/32 inch diameter.
Built-in running gear	Easy to move for convenient portable power.
Hobart 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	Single-Phase Generator 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.



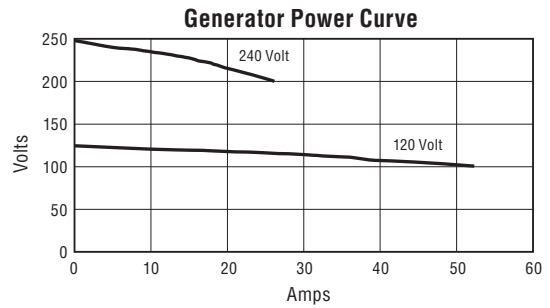
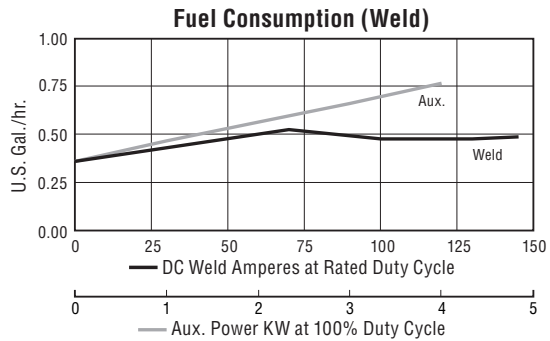
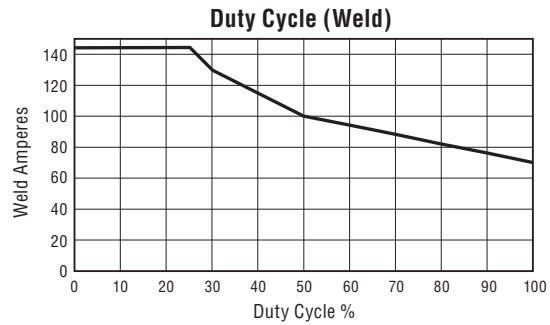
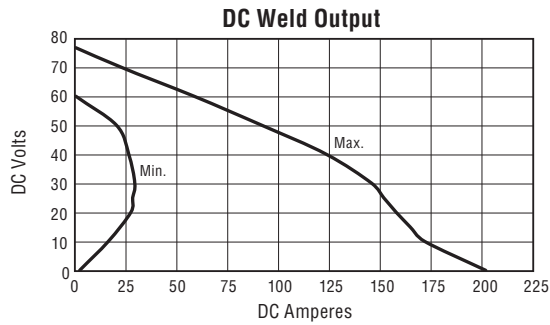
Hobart Welding Products

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

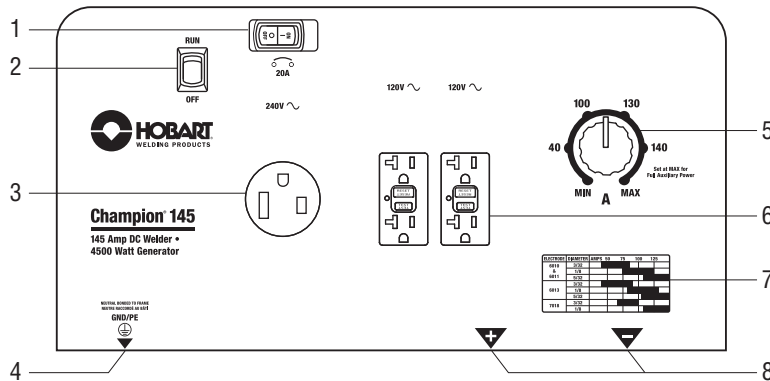
HobartWelders.com



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 welder/generator. 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.