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Model Number: 500576

Hobart AirForce 500576 Hobart AirForce 40i Plasma Cutter - 230v 40 Amps Output Model MultiVoltage Plug L6-30

Manufacturer: Hobart

Hobart AirForce 500576 Hobart AirForce 40i Plasma Cutter — 230V, 40 Amps Output Model

The Hobart AirForce® 40i Plasma Cutter with Multi-Voltage Plug is an economical plasma cutting system for all conductive metals. With XT series torches, long life XT consumables, and a Pilot Arc Controller feature, you'll appreciate the enhanced performance. It can cut mild steel up to 7/8in. This portable unit features a lightweight, powerful inverter design and an ergonomic trigger safety, with more efficient air consumption and economically priced consumables. Plus the versatile multi-voltage plug (MVP) allows a user to connect to common 120V or 240V power receptacles. Plasma cutters cut faster and more precisely with a thinner kerf and less slag than cutting with oxy fuel. A smaller heat-affected zone also causes less warping. And you'll never have gas pressure settings, flame tuning, metal preheating, or gas cylinders or refills to worry about. Features Hobart's 5/3/1 limited warranty protection.

FREE SHIPPING!!! In the lower 48

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Product Summary

The Hobart Air Force® 40i Plasma Cutter is an economical plasma cutting system for all conductive metals. With new XT series torches, new longer life XT consumables, and the newly added Pilot Arc Controller feature, you'll appreciate the enhanced performance. It can cut mild steel up to 7/8in. This portable unit features a lightweight, powerful inverter design and an ergonomic trigger safety, with more efficient air consumption and economically priced consumables. Plasma cutters cut faster and more precisely with a thinner kerf and less slag than cutting with oxy fuel. A smaller heat-affected zone also causes less warping. And you'll never have gas pressure settings, flame tuning, metal preheating, or gas cylinders or refills to worry about. Features Hobart's 5/3/1 limited warranty protection.

What's Included

- (1) AirForce® 40i Plasma cutter
- (1) 12ft. XT40R hand-held torch
- (1) 12ft. work cable with clamp
- (1) 10ft. power cord with plug
- power cord with 240V with L6-30P twist lock plug and MVP2 Adapters
- Extra Consumables (1 electrode, 2 tips, 1 deflector and 1 air fitting)
- Easy-to-connect, built-in gas/air filter and regulator for extra protection

Features + Benefits

- New 12ft. XT40R torch – designed for increased comfort with an ergonomic trigger safety, extremely flexible cables, more efficient cooling and economical replacement XT series cutting tips for longer life
- Newly added Pilot Arc Controller feature greatly enhances expanded metal cutting, as the auto re-fire technology keeps the torch arc going even when cutting through spaces in the metal where frequent manual restarting is normally required
- Wind Tunnel Technology™; prevents abrasive dust and particles from damaging internal components
- Fan-On-Demand™; Cooling system operates only when needed, reducing power consumption and contaminants drawn into the machine
- Power factor correction (PFC) circuitry draws up to 30% less amperage for the same cutting range as compared to the competition
- PFC expands operator's work area via extension cord, while minimizing nuisance circuit breaker trips caused by voltage drops
- LVC™; line voltage compensation provides peak performance power under variable input voltage conditions (±15%) for steady and cleaner-ending cuts
- Internal gas/air filter and regulator controls amount of usage and flow of air or gas
- Starts without high frequency, protecting the unit by not interfering with or damaging controls or computers

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- Diagnostic LED lights for quick troubleshooting of pressure, power and cup situations
- Postflow cooling circuit extends life of consumables and torch by cooling them with postflow air after trigger is released
- Compatible with engine-driven welders capable of cutting 3/8–5/8 in. mild steel when powered by an engine-driven welder with a 240 V generator power outlet of 8 kW or more

Key Specs

Item#
500576

Manufacturer's Warranty
5 year limited warranty

Ship Weight
36.0 lbs

Volts
120 / 240

Pilot Arc
No

Amps
40

Cutting Thickness (in.)
5/8 (mild steel, clean cut)

Sever Thickness (in.)
7/8

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Duty Cycle
50% @ 40A

Plasma Gas Flow/Pressure
4.8 CFM @ 90–120 PSI recommended

Clamp Cable Length (ft.)
12

Power Cord (ft.)
10

Cart
No

Dimensions L x W x H (in.)
14 x 8 x 11

Optional

Power Joiner Step Up Inverter Pressure Washer Converts Dual 20 amp 120
Volt outlets to 240 Volt 3 wire 15 amp L6-30R ReverseL6-30R
Unit has to be turned down under 20 amps when using this power supply

Availability: This product was added to our catalog on Wednesday 30 March, 2016