

## **100 Pounds of Power in a 10-Pound Package**

Campbell Hausfeld packs 100 pounds of power into a 10-pound package with the Arcitech 110 Arc Inverter Technology Welder (WS2100), a 115-volt input, 110-amp DC output welder with Dual-Arc capacity for stick or TIG welding.

"We have taken inverter technology to another level by creating a powerful, compact welder while adding features that make it extremely versatile and user-friendly," explained Jim Nutter, Product Manager for Welders at Campbell Hausfeld. "Because the Arcitech 110 is priced hundreds of dollars less than comparable units on the market, it is an incredible value that makes the latest technology accessible to a much larger customer segment."

### **How Inverter Technology Works**

Inverter technology will do for welding what microchips do for computers. Traditional welders use a large transformer (which can weigh 100 pounds or more) to convert high voltage, low amperage electricity into low voltage, high amperage power to melt steel. Inverter technology replaces the large transformer with a small transformer and circuit boards to create the high amperage welding power that results in an "Amplified Arc" in a tiny package.

### **Arcitech 110 Benefits**

- **More Versatility**

Since the Arcitech 110 weighs a mere 9.7 pounds, it can be easily carried up a ladder or even hung over the shoulder. Its small stature (11" deep, 4.5" wide, 9" high) allows the unit to be easily stored or used in tight spaces. The Arcitech 110 can even be converted from a DC stick welder to a TIG welder with the optional WT6100 TIG torch and a gas bottle with a regulator.

- **More Control**

The Arcitech 110 converts 115-volt input to high power welding amperage to fuse thick steel up to 1/4" in a single pass. To accommodate projects that require the need to weld with 1/16" to 1/8" rods of various fluxes, the unit features an infinite output adjustment control that allows users to dial-in the exact amperage output from 5 to 110 DC amps for the perfect bead (most welders on the market require users to choose between predetermined incremental outputs, which sacrifice welding precision). External dinse connectors allow for straight or reverse polarity welding to control penetration and allow for use of more exotic flux electrodes.

- **Consistent Power**

The Arcitech 110's 35 percent duty cycle at 90 amps delivers power to weld all day. It also can be used with an extension cord and still maintain its power.

- **Smoother Results**

The unit's DC output provides a smoother arc for more professional results. It also allows for better out-of-position welding, meaning horizontal, vertical and even upside-down welding projects can be completed smoothly.

### **Arcitech 110 Features**

The Arcitech 110 features a grip handle to make it easy to transport and a rugged shroud to protect internal components. The Arcitech 110 also includes a face shield, chipping hammer/brush, work clamp with a 10' lead and an electrode holder with a 15' lead.

### **Pricing and Availability**

The Arcitech 110 has a suggested retail price of \$300. Customers can obtain purchasing information by calling 1-888-CHPOWER (1-888-247-6937) or by visiting [www.chpower.com](http://www.chpower.com).

Founded in 1836 and headquartered in Harrison, Ohio, Campbell Hausfeld is a leading manufacturer and marketer of air compressors, air tools and accessories, paint sprayers, welders and pressure washers.