



FOR IMMEDIATE RELEASE

Hypertherm Showcases Powermax45 at AHR Expo

CHICAGO—Jan. 26, 2009—Hypertherm, the world leader in plasma arc metal cutting technology, is showcasing its new Powermax45 at this year's AHR Expo in Chicago.

The versatility of the Powermax45 offers several benefits to heating, ventilation and air conditioning professionals. It is portable and powerful, delivers reliable performance no matter where you are, and effortlessly moves from hand held to table based applications.

The system weighs 37 pounds and is among the smallest systems in its class. However, it can quickly and easily cut 1/2 inch thick metal and sever metal more than an inch thick. Fast cutting speed results in a smaller heat affected zone and less warping than is common with oxyfuel cutting.

A patented Boost Conditioner™ circuit and high power efficiency help the system work consistently even on low-line conditions or when hooked up to a generator. This means moving from job to job isn't a problem for the Powermax45. The system's versatility is further evidenced by its ability to quickly and cleanly cut most any kind of metal, including metal grates.

The Powermax45 also comes with a built in CNC interface and 50:1 voltage divider and can be used with either a roller ball or torch height control. Simple controls allow any operator to become quickly skilled with the unit, and cutting with the Powermax45 requires no pre-heating of the work piece and no regulating flammable gases. A 45-amp output current and 50 percent duty cycle mean the system is designed for true industrial usage.

"The single-gas air or nitrogen system is proving extremely popular among people who cut or gouge metal—HVAC professionals included—because it delivers the features and benefits customers want," said Reese Madden, product manager for Hypertherm's Powermax systems. "Benefits like ease-of-use, excellent cut quality, and long consumable life work to keep productivity high and operating costs low."

To learn more about the Powermax45 or to try it out in person, visit Hypertherm at booth #2042 in the North Hall at Chicago's McCormick Place.

Hypertherm designs and manufactures the world's most advanced plasma cutting systems for use in a variety of industries such as shipbuilding, manufacturing, and automotive repair. Its product line includes handheld and mechanized plasma systems and consumables, as well as CNC motion and height controls. Hypertherm systems are trusted for performance and reliability that results in increased productivity and profitability for tens of thousands of businesses. The New Hampshire based company's reputation for plasma innovation dates back 40 years, to 1968, with Hypertherm's invention of water injection plasma cutting. The company has more than 1,000 associates along with operations and partner representation worldwide.

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SELECTING THE RIGHT CUTTER

The plasma system you choose depends on the job and its requirements.

Duct fabrication

Specific patterns are cut from 22 to 24 gauge thick sheet metal on a CNC table or by hand and then formed into the required duct shape.

System: Powermax30, 45 or 1000

Duct alteration

Holes are cut in existing ducts to install branches or access ports.

System: Powermax190c, 30 or 45

Suspension system fabrication

Parts to fabricate hanging brackets are cut to length from 1/8" thick channel iron

System: Powermax30 or 45