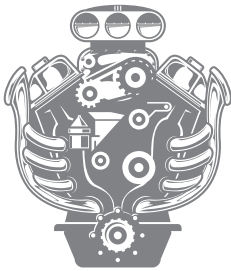


THE HORSEPOWER OF YOUR PLASMA CUTTER

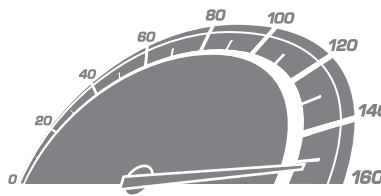
Not all plasma systems are equal.

There's more to the power of your plasma system than just amps. In fact, amps are only a part of the equation. Just as some V8 engines get more horsepower to the truck's wheels than others; some plasma systems provide much more power than their competition. What really completes a system's qualifications for a job are the combination of amps, voltage, and total power output, or watts.



AMPERAGE

A truck's engine size shows how it can perform. Amperage does the same thing for plasma cutters. But if you only look at the engine, you're missing out on key areas that yield major performance enhancements.



VOLTAGE

The RPMs on a truck compare to output voltage on a plasma cutter. The more RPMs, the more power output; the higher output voltage, the faster and cleaner you cut.



WATTAGE

Horsepower tells us if a truck has the guts to keep up with our work; so does wattage for plasma cutters. Both show the power output of the machine. Some can only reach a certain output. Some have legendary power.

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The numbers behind true power.

The comparisons below provide real world examples of a system's true cutting power. Take the Hypertherm Powermax65®. It's a 65 amp system with 138 volts of output power. Multiply the two and you get 8,970 watts or nearly 9 kilowatts of pure cutting power. That's the same output power as the competitor's 80 amp system.

65 A vs 80 A



65 A
139 V
9.0 kW

Powermax 65®

Major competitor

80 A
113 V
9.0 kW



85 A vs 100 A



85 A
143 V
12.2 kW

Powermax 85®

Major competitor

100 A
120 V
12.0 kW



105 A vs 120 A



105 A
160 V
16.8 kW

Powermax 105®

Major competitor

120 A
128 V
15.4 kW

