

THE WIZARD HVAC PLASMA SYSTEM

The Wizard plasma cutting system was developed specifically for the HVAC contractor/fabricator. It is designed to do all that a user could want and meet the user's budget. Nothing has been sacrificed except cost to our customer. YOU WILL NOT FIND GREATER VALUE IN A NEW PLASMA MACHINE!



CUTTING TABLE FEATURES

- * Heavy duty 5'x10', all welded steel construction capable of a 2000 lb load (full sheet of 1"plate)
- * 2 1/2" x 60", 16 gauge slats for economical replacement
- * Efficient down draft exhaust design, activated & deactivated automatically as cutting starts & stops
- * Hinged clean out doors at both ends makes cleanout easy. Slat removal not necessary.
- * X axis has dual drive motors and Simple maintenance free roller guides for smooth travel
- * Y axis has low maintenance V Groove Wheels and Rails
- * Homing Feature that automatically squares the gantry
- * Direct drive, high torque motors to eliminate position error
- * Solid 4"x6" thick wall tube gantry.
- * Aluminum gantry construction means less moving weight, great acceleration and enhanced repeatability
- * Gantry drive with 3/4" wide rust and grease free, Industry proven open gear belt drive used on robotic applications
- * Drive system delivers position repeatability of approx. +/- .0005in
- * Cutting speed 300ipm, Rapid speed 600ipm. Gantry has been tested to speeds of 1000 IPM.
- * Precision Drop Head Control
- * Magnetic break away torch protection



The Wizard plasma cutting system was developed specifically for the small to medium size HVAC contractor. The Wizard is a full featured machine with all the capabilities of the more expensive plasma cutting systems, but is affordably priced.

The TK Wizard Plasma Table: **Proudly Built in the USA**, with domestic and foreign components

PC MACHINE CONTROLLED

Machine is equipped with and controlled by a standard laptop, replaceable locally. CNC control software is simple and intuitive. Even if you are new to CNC Plasma cutting, you will be up to the task in no time

SOFTWARE

- * Windows tm operating system.
- * SHOP DATA SOFTWARE: **Quickduct CAM Master**
 - Full HVAC fitting library and 3-D viewing of parts
 - Automatic nesting of parts minimizes scrap and maximizes efficiency
 - Estimating & costing functions
 - Cut list
 - Over 60 common geometric shapes
 - Label printing, and MORE
- * Very user friendly. If you know HVAC sheet metal, this software will "talk to you"
Truly the most advanced and complete software package offered in the industry

TRAINING & SUPPORT

- * Remote training done on your Plasma Table, in your shop!
- * Free telephone and internet support to the original buyer. Our technicians can log directly on to your machine for real time support while you are learning or experiencing an issue, so you can get back to work quickly.

PLASMA POWER SUPPLY

- * **HYPERTHERM POWERMAX 45XP OR VICTOR Thermal Dynamic 40A power supply** (Both rated 1/2" with piercing)

OPTIONS

- * Large power supply available (Up to 1" rated)

WARRANTY Limited one year, parts & labor on table. On other components, manufacture warranty applies.

AVAILABLE FROM YOUR LOCAL SUPPLIER!!!