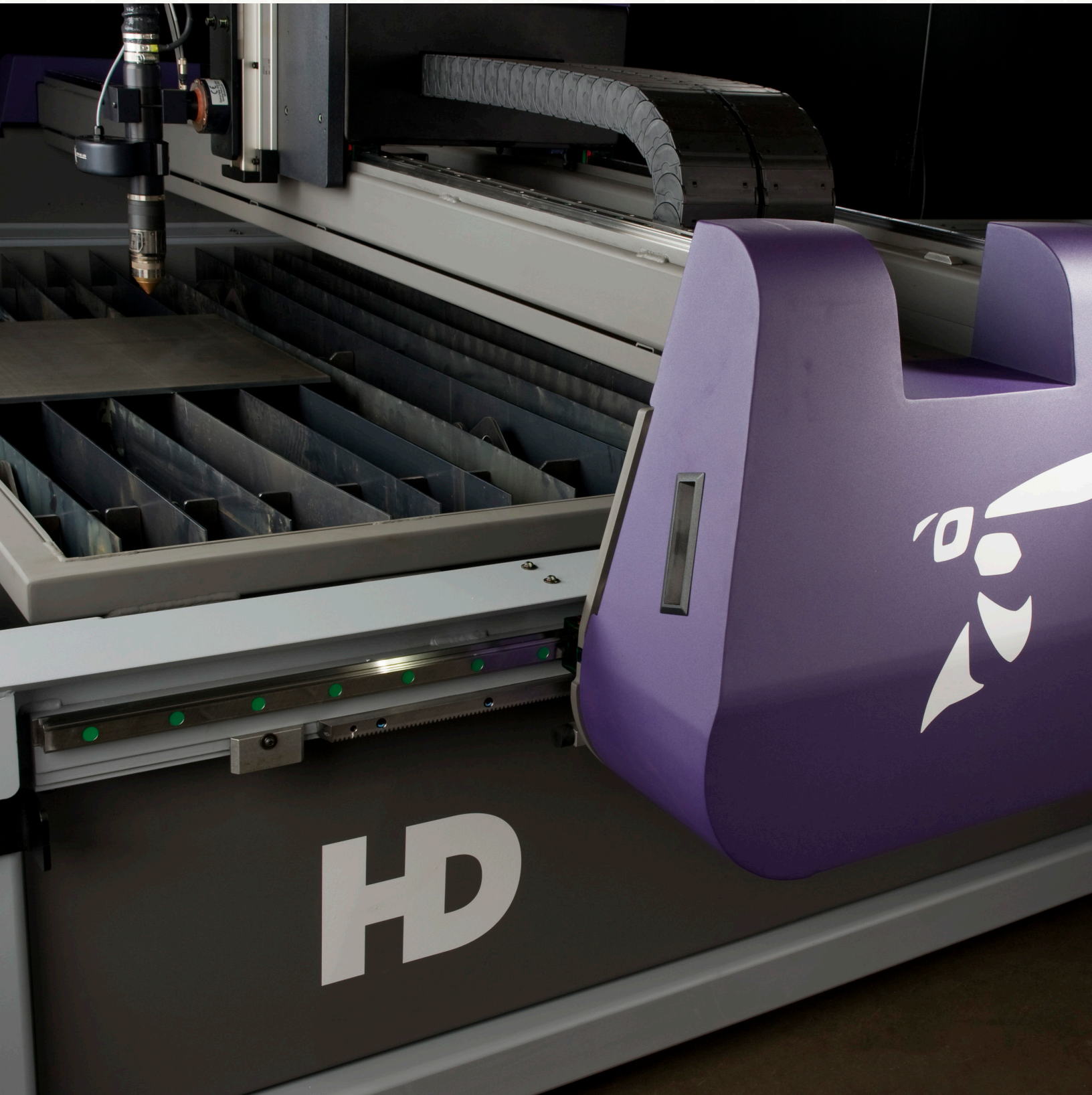


» HORNET AEROCLEAN



AEROCLEAN CUTTING TABLES

Hornet Cutting Systems AEROCLEAN zoned down-draft tables are designed and optimized for use with thermal cutting processes. Plasma, oxy-fuel and laser cutting produce significant emissions that present health risks for factory personnel. A properly designed technically advanced zoned down-draft cutting table configured with the correct fume extraction system is the most effective method of capturing thermal cutting emissions and maintaining a clean and safe work environment.

Zoned down-draft air tables, unlike water tables, do not cause the plate to oxidize. Air tables present no water and sludge disposal issues. When operating correctly, air tables ensure emissions from the cutting process do not enter the shop environment. And, the cutting machine remains dry and clean. Plasma cutting over an air table produces the fastest cut speeds, the least amount of dross and the smoothest cut face surface.

Hornet Cutting Systems believes that clean air is good for business and key to a world class manufacturing facility. Therefore, we engineer AEROCLEAN tables to deliver superior performance in the most demanding of fume and particulate generating applications such as heavy plate cutting with 400A plasma systems and non-ferrous cutting at up to 800A. Internal components of every AEROCLEAN table are uniquely designed to optimize table performance and maximize filter life of fume extraction systems.

AEROCLEAN DESIGN

AEROCLEAN tables are manufactured by Hornet Cutting Systems in our US factory and built to last. Sides, floor, zone partitions and slat frames are all fabricated from heavy-duty steel. A contoured steel side exhaust tube runs the length of the table. The inside of the AEROCLEAN table is divided into zones by steel partitions. Pneumatically actuated steel damper doors are placed in the middle of each zone along the side exhaust tube. Heavy steel blast shields cover the damper doors and protect moving parts from cutting debris and heat.

TABLE SIZES

AEROCLEAN zoned down-draft tables are available with nominal cut widths from 5 ft (1.5m) to 14 ft (4.3m). Nominal cut lengths are offered from 12 ft (3.7 m) to 52 ft (16 m). Larger sizes may be quoted upon request.

TURN KEY INSTALLATION / SINGLE SOURCE

Hornet Cutting Systems AEROCLEAN tables are installed and interfaced by Hornet Cutting Systems technicians during the installation of a new cutting machine. As with all Hornet Cutting Systems products, AEROCLEAN cutting tables are shipped with a comprehensive parts and service manual to insure our customers can keep their table working correctly throughout its very long life.

Hornet Cutting Systems engineers, in cooperation with Camfil®, configures AEROCLEAN cutting tables with the correct RoboVent Fusion 3 fume extraction system to meet the needs of any thermal cutting application. Additionally, our Camfil trained service technicians will install the fume extraction system to provide our customers with the utmost confidence their AEROCLEAN table and RoboVent system will perform exactly as specified. Hornet Cutting Systems provides a one-stop source for the industry's best technology. We deliver the highest standard in health and safety for a clean work environment and the environment outside.

TABLE SPECIFICATIONS

Maximum production plasma cutting capacity 6" (150 mm)
 Maximum production oxy-fuel cutting capacity 8" (200 mm)
 Input compressed air 95 psi (6.5 Bar), clean, dry, oil free
 Input power (table solenoids) 24VDC

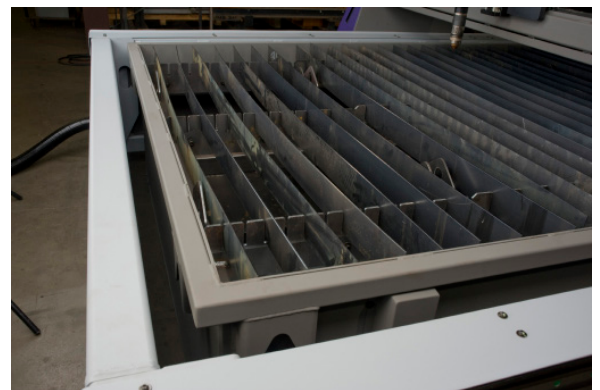
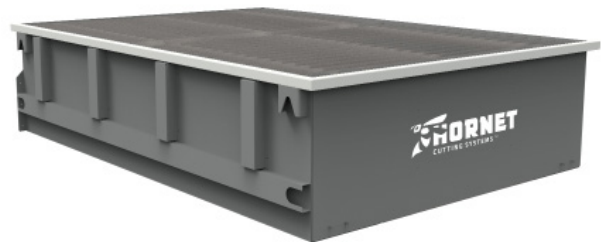
AEROCLEAN STANDARD FEATURES:

- Heavy duty steel construction
- Side exhaust tube with air cylinder actuated zone doors
- Steel zone doors close against inside surface of the side exhaust tube
- Air cylinders are mounted outside the cutting environment
- CNC activation of air cylinder zone doors (with Hypertherm CNC)
- Lift out slat frames constructed with removable slats
- Solenoid bank for control of air cylinders
- Interface cable from solenoid bank to control signals

AEROCLEAN OPTIONS:

- Table widths (nominal cut): 5 ft (1.5 m) to 14 ft (4.3 m)
- Table lengths (inside dimension): 12 ft (3.7 m) to 52 ft (16 m)
- Lift out slag trays
- Replaceable blast shields protect moving parts

NOTE: Specifications are subject to change without notice.
 WARNING: Cutting certain aluminum alloys may present a fire and explosion hazard.
 Contact the Hornet Cutting Systems factory for more information.
 Retro Systems reserves the right to make changes in equipment or specifications at any time



Visit HornetCS.com or call **1-844-209-5552** to request a quote



POWERED BY **Hypertherm**

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