AirSweep Cutting Table Exhaust System

DESCRIPTION:

The AirSweep exhaust system with dual exhaust tubes ensures all cutting fumes are captured and exhausted from the shop environment. With Park’s exclusive TracKlean car design, the servo driven car is synchronized to gantry motion; capturing fumes right at the source - directly under the torch. This approach eliminates the need for damper doors, mechanical arms, or pneumatic cylinders.

Park Industries partnered with fume collector manufacturer, RoboVent, to optimize the air flow characteristics of the system using computational fluid dynamics (CFD) software.

Output from Computational Fluid Dynamics (CFD) software

Robovent Plaser collector