

## CENTRAL CARTRIDGE DUCT COLLECTOR ALUMINUM AND STEEL WELDING - MANAC

THE LOCAL EXHAUST & VENTILATION COMPANY®



### APPLICATION

**MANAC** is the largest manufacturer of custom-built and specialty semitrailers in North America. They needed an exhaust solution for their various welding processes that would meet the following criteria:

- Efficient exhaust
- Easy to use
- Wide area coverage
- Good flexibility

### SOLUTION

**Source Capture:** - The exhaust smoke is captured at source by using Flexi Extraction arms mounted on H-Max Booms

**Convey/Transport of dust:** - Once captured the dust is transported at a velocity of 3500 FPM in flexible duct in the extraction arm and rigid duct along the extension boom. This configuration is connected to rigid ductwork which is centralized in a main duct.

**Exhaust:** - The main duct is coupled to a large outdoor placed 40HP centrifugal fan, which blows into a large central dust collector with hoppers. From here the air goes inside the building as filtered regain air.

### DESCRIPTION

FLEXI I (Ø6") extraction arms available in 7', 10', 14' and 17' length on H-MAX booms available in 7', 10', 14' lengths.

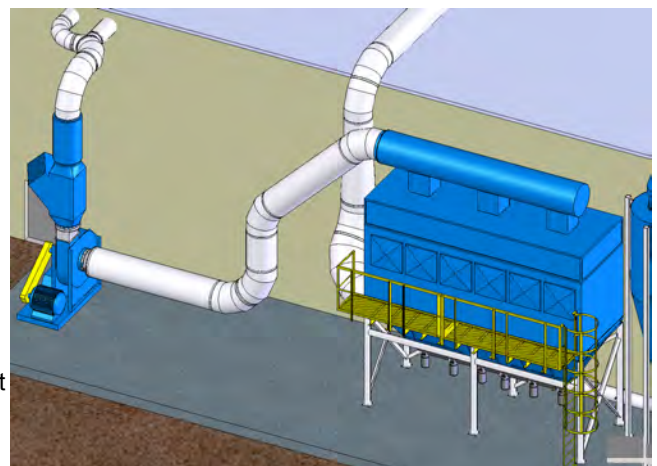
- One (1) 40HP floor mounted centrifugal fan
- One (1) Central dust collector with hoppers

### INDUSTRY

Manufacturer of custom-built and specialty semitrailers in North America, MANAC offers a wide range of special use vehicles

### TESTIMONIAL

"We needed a flexible and quality solution to address the fume exhaust for our various welding processes. LEV-CO delivered and installed a powerful exhaust and dust collecting solution which meet our needs entirely, and our employees consider this solution just fabulous!"



PIERROT LABEL,  
Maintenance Manager, MANAC

