

The Monoxivent Custom Division: "Making the Uncommon, Common"

Monoxivent's Custom Fabrication Division will help customers every step of the way, from initial design to delivery.

Monoxivent's team of experienced Product Managers and Specialty Fabricators will assist throughout the design phase. Your custom requirements are then built in Monoxivent's state-of-the-art 50,000-square foot facility in Rock Island, IL. Monoxivent utilizes "in-house" access to a Laser/Plasma Cutting Center (one of the largest in the Midwest), a CNC punch, and more!

Custom processes may be implemented on a majority of products within the standard Monoxivent catalog and some entirely unique applications.

Some Examples follow:

- Oversized Hose Reels: Medium/Heavy Chassis, 8"-18" Diameter Hose, 5'-7' Drum Widths
- Custom Slotted Fume Hoods: Larger Sizes, Side Skirts, Welding Tables, Stainless Steel Fabrication, Other Finishes
- Rail and Gantry Systems for Vehicle Exhaust and Welding Applications
- Oversized Exhaust Hoods
- Hose Reels on Boom Arms
- Custom Cartridge Collectors
- And More!



Monoxivent's Manufacturing Facility



Balliu Laser/Plasma Cutting Center

OVERSIZED PIVOTING ARTICULATED CRANES

Industrial Welding or Vehicle Sour Capture Applications

Pivoting Articulated Cranes are offered "made to order." This product is designed to allow the end of the crane (not shown), with accessories to position at any point within a given radius. The PAC has a full pivoting wall/column bracket with pivoting joint(s).

The PAC, shown, is a 35' double articulating crane and was used to provide vehicle exhaust source capture for snowplows.



SLOTTED FUME HOODS

Industrial Welding Applications

Slotted Fume Hoods are available in vast array of sizes and with numerous accessories. Side skirts are a common addition. The hood also may be connected to a welding table. A stainless steel finish may be furnished. Also large sizes are an option: 6' wide x 8'-6" height w/10" outlet is shown.



Clockwise (from top): Large Slotted Fume Hood, Slotted Fume Hood with Side Skirts and Table, Set of Three Connected Hoods, Slotted Fume Hood with Side Skirts and Stainless Steel finish



OVERSIZED HOSE REELS, CUSTOM HOSE REEL APPLICATIONS

Vehicle, Aircraft, Welding, Air Movement, Ventilation Applications

Monoxivent Hose Reels are used for much more than the standard vehicle exhaust removal offering found in our catalog.

Oversized reels are offered with 8" - 18" hose diameters. Oversized drum widths range from 5' - 7', while drum diameters are available in 24" and 36".

Hose Reels may also be offered on a trolley (far right). This photo displays an 18' boom, featuring a 6" motor operated reel. Reels have been used for ventilation (near right), this product used a direct-mount D Series Blower to pull cold air from a warehouse and into truck trailers.



BI BLOWER WITH BASE & DISCHARGE STACK

Roof Mounted Blower

This product features a Backward Incline Blower with isolation base and high velocity discharge stack.



SWIVEL BOOM/HOOD

Welding Applications

Monoxivent manufactured this custom two-foot swivel boom with a 24" diameter stainless steel hood for a welding application. The system is suitable for wall or column mounting.



MOTORCYCLE ADJUSTABLE DYNO EXHAUST ADAPTER

Motorcycle Dynamometer Applications

This Motorcycle Dyno Exhaust Adapter is adjustable to allow easy configuration. The nozzle is held into position by the adjustable base, so that the nozzle will not come into contact with the motorcycle during dyno testing.



CUSTOM CARTRIDGE COLLECTORS

Fine Dust, Smoke Capture Systems

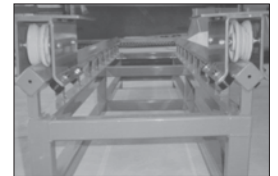
Cartridge Collectors offer 99% filtration down to 0.5 microns. Due to its design, cartridge type filters supply a large amount of filtering media while maintaining a reasonably small "footprint" by comparison. Therefore, Cartridge Collectors are applicable throughout most shop and plant facilities where a wide variety of smoke and fine dry dust is generated. Our design provides a heavy 10-to-14-gauge welded steel construction, with a powder coated enamel finish, along with air-tight/dust-tight dirty and clean air chambers. Our self-cleaning technology provides pulse controls, including solid-state sequence timer boards, fully assembled pulse hardware, and more.



CUSTOM CONVEYOR, EXHAUST PLENUM

Vehicle Test Station in Automotive Mfg. Plant

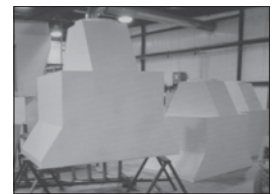
This conveyor and a plenum (not shown) are mounted underfloor of a vehicle test area. The plenum is adjustable forward and backward, depending on the vehicle in the bay.



RECTANGULAR WELDING HOODS

Ventilating Processes at Automotive Plants

These Rectangular Welding Hoods measure 5'x7' each. Seven of these hoods were connected to make a 35' wide system. The hoods were constructed of 16-ga. galvanized and feature a powder-coat finish.



Represented by:



MADE IN THE USA!

MONOXIVENT

Monoxivent offers a complete line of source capture equipment to facilitate a full-range of applications in reference to vehicle and welding/fume exhaust elimination. Monoxivent also offers an extensive range of custom fabrication capabilities. Monoxivent is served by a highly-trained nation-wide network of representatives.

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