

Arms/Booms Provide Safe, Versatile Solutions

Monoxivent's Swivel and Articulating Boom Arms allow for longer reach, offering an extended range of motion. The arms provide safe and versatile solutions. The systems eliminate welding smoke, dust, and other hazardous airborne particulate.

Monoxivent systems provide the most effective way to protect the work environment by capturing the particulate at the source, before entering the breathing zone. The 15000 Series is available with a wall mounting bracket or may feature a duct mount or portable mount.

The 15000 also is available with a Swivel Boom and Hood or as a tube-type arm. The 15320 is Monoxivent's telescopic arm, while the PAC (Pivoting Articulated Crane) Series is available with either an arm/nozzle configuration or with a 24" hood.



15000 Series Extraction Arm: With - Mounting Bracket, Duct Mount, Portable Mount

The 15000 Series satisfies the requirements for source capture and is available in several packages. These user friendly systems allow customers to save on installation and central designs. Package systems consist of a blower, wall/column mounting bracket, arm, support structure, hood with handle, and damper. Blower motors are available in 1- or 3-phase and are tri-voltage (starters available upon request). The flex arms are internally supported and consist of four adjustable pivot joints on each arm.

The arm is a vertical movement type arm with the ability to swivel 180-360 degrees. The internal support structure of the arm is constructed of aluminum tubing. The mounting brackets are of heavy-gauge epoxy painted steel with lubricated nylon rings and bearings. Each pivot point utilizes friction disk pads for tension setting. The 6000 Series hose is fiberglass coated - flame retardant vinyl. The extraction hood is constructed of high-quality, impact resistant, and high-temperature polycarbonate material.

The hood's standard features include a handle and damper. Options include a light kit and collection screen.



15000 Series Arm, Column Bracket, D-Series Blower

Series	Arm Length	Diameter	Summary
15000-Standard	7', 10', 14'	6", 8"	Extraction Arm, with Wall/Column Mounting Bracket
15000-Duct Mount	7', 10', 14'	6", 8"	Extraction Arm, Duct Mount Connection

NOTES

- Arms are standard, less blower; D-Series Fan available for direct mount
- One large central fan may be supplied for connection to multiple arms

Swivel Boom • SB Series

The Swivel Boom is a one piece pivoting extension. Many options may be attached to the end of the boom, however Monoxivent's 24" Hood or 15000 Arm are standard options. The Boom is supplied with a pivoting wall/column bracket constructed of one piece die, stamped 5/16" industrial steel plate. The horizontal boom is of a truss-type design, using 1 1/2" and 2" heavy gauge tubular steel. The top/bottom horizontal sections are welded together using vertical tubular sections. The Boom is available in 7', 10', and 13' lengths.



Monoxivent's swivel boom shown with 15000 Arm, also offered with a 24" Hood.

D Series Blower

The D Series Blower is a common accessories for all Arm/Boom products. The fan is offered in 0.5-3.0 HP configurations. The D Series is single phase or 3-phase.



15320 Telescopic Arm

The 15320 Telescopic Arm is a unique system that allows the user to position the hood directly at the source. The arm is used for work tables that are directly up against a wall or column. This arm is ideal for vocational schools where small booths are often used.

The 15320 has an internal structure, allowing for the telescopic movement. The arm also offers movement from left to right and to the front.

The hood will also pivot independently from the arm.



NOTES

- Arm's telescopic range is from 4' to 7'

- Direct mount blowers available. One large central fan may also be supplied for connection to multiple arms.

Pivoting Articulated Crane • PAC Series

The PAC is designed to allow the end of the crane, with accessories, to position at any point within its' extended radius.

The PAC has a full pivoting wall/column bracket with a center pivoting joint.

The wall/column mount bracket is constructed of a one-piece die-stamped 5/16"

industrial plate. The two sections of the PAC horizontal extension are constructed of 2" x 3" tubular steel. The two horizontal sections are joined together by a heavy gauge pivoting pin to allow for easy and free movement. The PAC is supplied with industrial grade black coating with yellow safety strips. The standard PAC Series includes: PAC lengths of 10', 15', and 20', attached to a 15000 Series Arm or 24" Hood.



15000-EXT Externally Supported Arm



The 15000-EXT allows for unrestricted airflow through the arm. The package consists of a blower, wall/column mounting bracket, arm, external support structure, and stainless steel (or polycarbonate) hood with handle. Blower motors are either 1- or 3-phase and are tri-voltage. The flex arm is externally supported and consist of four adjustable pivot points.

CONTACT MONOXIVENT'S TEAM OF DESIGN EXPERTS FOR YOUR CUSTOM APPLICATION!

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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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