



APPLICATION

JAMES ROSS: Elite manufacturer of engineered components for paper machines, Paper Industries Machinery, Industrial & Commercial Machinery & Equipment. They needed a central exhaust solution for various and multiple processes, such as:

- Manual and automatic welding
- Manual and laser cutting
- Grinding, sanding and part finishing

SOLUTION

Source Capture: - The dust and fume is captured at source by using several internally or externally supported extraction arms mounted on articulated booms or directly to the wall bracket, or using suction hoods, shrouds and custom solutions to fit with the client's needs.

Convey/Transport of dust: - Once captured the dust is transported through the extraction cranes or hoses and rigid ducts to the central ductwork which goes outside to the powerful and highly efficient PFV series dust collector.

Filtering: - The dusts and fumes are filtered in the PFV series cartridge dust collector. The filtered regain air is blown back in the shop or released to the ambient. Summer / winter damper controls the regain air's direction.

DESCRIPTION

One	(1)	PFV Series Vertical cartridge dust collector 10000 CFM, 36 High Efficiency cartridges (99.9% @ 0.5 Micron)
Four	(4)	9m (30') Pro-Flex Extraction Crane 200mm (8")Ø C/W additional 3rd Swivel
Two	(2)	6m (20') Articulating crane for VE drops
Two	(2)	Flexi-II Extraction Arm: 200mm (8")Ø – 5m (16.5')L.

INDUSTRY

Paper Industries Machinery

TESTIMONIAL

"We needed a solution to remove the dust and fume generated in our shop by multiple processes. LEV-CO delivered and installed a highly efficient central exhaust solution that meets our needs entirely. The source capture is accurate, the contaminant's transport is seamless and the filtration process is very efficient. The whole system is working well and our workers are very content with it."

Jim Bergwerff,
JAMES ROSS

