

Gold Series Exceeds Sustainability Challenge

Product Information

Product: Gold Series® dust collector
Size: GS24 and GS16L models
Air Volume: 16,000 cfm and 9,250 cfm
Application: Paper and Plastic Printing
Customer: Precision Press Inc.
North Mankato, MN
Installation date: 2003

Challenge

Precision Press, Inc. is an innovative printing, labeling and packaging company located in North Mankato, MN. As part of the Taylor Corporation, they stand as one of the top five graphic communication and commercial print companies in North America. Quickly adapting to a constantly changing market by offering creative new packaging and labeling solutions has made Precision Press, Inc. an industry leader. This requires using the latest production and printing equipment available.

Paper and plastic recyclable scrap and fine dust were being processed through a cyclone baghouse dust collection system requiring frequent maintenance. Fine dust was blowing through the cloth baghouse filters and coating the warehouse structure and inventory. Accumulation of fine dust was a nuisance and a large housekeeping expense. With growth and the combination of an increasingly unreliable dust collection system, improvements had to be made.



The Gold Series® GS24 industrial dust collector located near the baler and APS units.



Facility Supervisor, Marlyn Mosher at Precision Press Inc. stands in foreground of the Gold Series® GS16L dust collection system.



The Gold Series® dust collectors clean air being returned into work areas for heating during the cool months.

Solution

Facility Supervisor, Marlyn Mosher at Precision Press Inc. turned to Camfil Farr APC rep Greg Schreier with Glacier Technology. Greg, set up an on site meeting to review the application requirements and plant needs. A combination of new printing equipment, choppers, APS units, existing equipment and varying process media needed to be considered for a new dust collection system.

Greg was able to address all the issues and layout with a Camfil Farr APC, Gold Series GS24 and GS16L industrial fume and dust collectors.

The GS24, is capable of handling 16,000 cfm, and will easily service 14 production/printing lines, 7-10 choppers, and 5 APS air paper separator units. The GS16L with its 9,250 cfm capacity and long design was strategically placed along a warehouse wall allowing plenty of room for aisle mobility and easy access. Variable speed drive blowers and controls were used for reduced energy consumption. The return clean air is recycled into work areas to provide both a clean and warm working environment that reduces energy consumption and costs.

Strongly committed to sustainability and the environment, Precision Press leads the industry in lowest level VOC output, and maintains a zero waste facility policy. The Gold Series GS24 has performed over expectations and has under gone only one filter change out since the original installation. The GS16 still has the original Hemipleat cartridges from the 2003 installation and is performing exceptionally well. ➤

“There is a huge difference compared to what we had, the Gold Series is basically maintenance free.”

says, Facility Supervisor, Marlyn Mosher, at Precision Press Inc.

For further information regarding this application, contact Camfil Farr APC Rep Scott Clausen with Glacier Technology at 763-577-0102

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