camfil
AIR POLLUTION CONTROL

FARR GOLD SERIES® MINING



Camfil Air Pollution Control is part of Camfil, the world's largest air filtration manufacturer, with presence in more than 150 countries and production on all continents. We are experienced in mining support, with a team of professionals focused solely on mining applications, making us your ideal partner.

We work together with mining and engineering companies and contractors to find effective, efficient, reliable solutions to control dust in mining operations to protect workers, the environment, and equipment while maximizing production.

REDUCE EMISSIONS, **PRODUCE** MORE PRODUCT



MINING

Controlling dust at a mining operation is difficult. The Environmental Protection Agency (EPA) and the Mine Safety Health Administration (MSHA) have strict limits on both indoor and outdoor emission. The main objective is to control the emissions around the plant to protect the environment and inside the plant for protection to employees. If emissions are too high, production may be cut back. That's why proper design and selection of dust collection equipment is such an important concern. **Minimizing emissions allows for production of more product.**

The Camfil APC Farr Gold Series dust and fume collector combines enhanced performance with ease of service and reliability for a cleaner workplace.

APPLICATIONS

- Primary crushing
- Stockpiles
- Secondary and tertiary crushing
- High-pressure grind or roll crushers
- Screening plants
- Conveyor transfer points
- Coarse and fine ore storage bins
- Pressurizing electrical switch gear and control rooms
- Assay labs

CURRENT CUSTOMERS

- Freeport McMoRan Copper & Gold
- United Taconite
- Barrick Gold
- KGHM International
- ASARCO
- Nord Resources
- Grupo Mexico
- Frontera Copper Corporation
- Yamana Gold
- Lake Shore Gold Corporation
- Terrane Metals
- Teck
- Mesabi Nugget
- Thompson Creek
- GoldCorp Inc.
- Codelco
- Placer Dome
- Raventhorpe Nickel
- Dolores Gold
- Unimin Corporation
- Oglebay Norton Specialty Minerals
- ESSA
- Simcala
- Rio Tinto
- Citic Pacific Mining - Sino Iron Ore
- First Quantum Minerals
- ALS Minerals
- SGS
- Chinalco
- Minera Volcan
- Hochschild Mining
- Minera Suyamarca
- BHP Billiton
- Vale
- Votorantim Metais

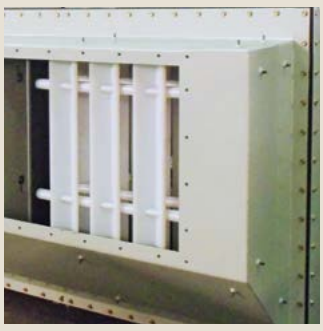
Proven, reliable dust collectors in hundreds of installations on different mining applications

MINING OPTIONS

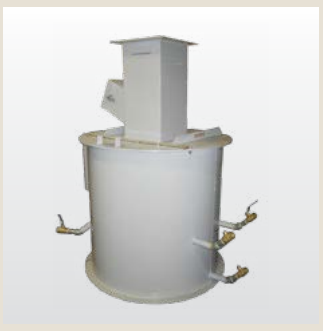
Top Hand Rails



UHMW Mining Inlet Baffle



Slurry Tank for Conveying Dust



Copper Tubing and Diaphragm Maintenance Valve





FARR GOLD SERIES ON A CRUSHING APPLICATION

FARR GOLD SERIES®



Filter change-out with Farr Gold Series dust collectors is simple and easy.

Camfil APC's innovative Farr Gold Series® dust collector is uniquely suited to the mining industry because of its extremely rugged, 3.5 and 4.5 mm (7- and 10-gauge) construction. It features a compact, modular design that optimizes field flexibility and integrates well with conveyor bin vents.

Stack testing of the Farr Gold Series® collector in mining applications has measured less than .00116 grams per cubic metre of emissions, about half the emissions level for which the collectors were permitted. The Gold Series® collector has a much smaller footprint than a conventional baghouse and operates at lower pressure drop; less horsepower means lower energy costs.

The pleated filters are mounted vertically inside the collector, eliminating the problems of dust blinding and premature failure that sometimes occur with horizontally installed filters.

HEMIPLEAT® SAVING YOU MONEY

HemiPleat® high efficiency cartridges and a cross flow inlet design allow the Farr Gold Series® to handle very heavy loads that horizontal cartridges cannot.

Pulse discharge of a HemiPleat Gold Cone filter.



HemiPleat Gold Cone cartridge filters use patented technology design for high efficiency.

FACTORY LOCATIONS (US)

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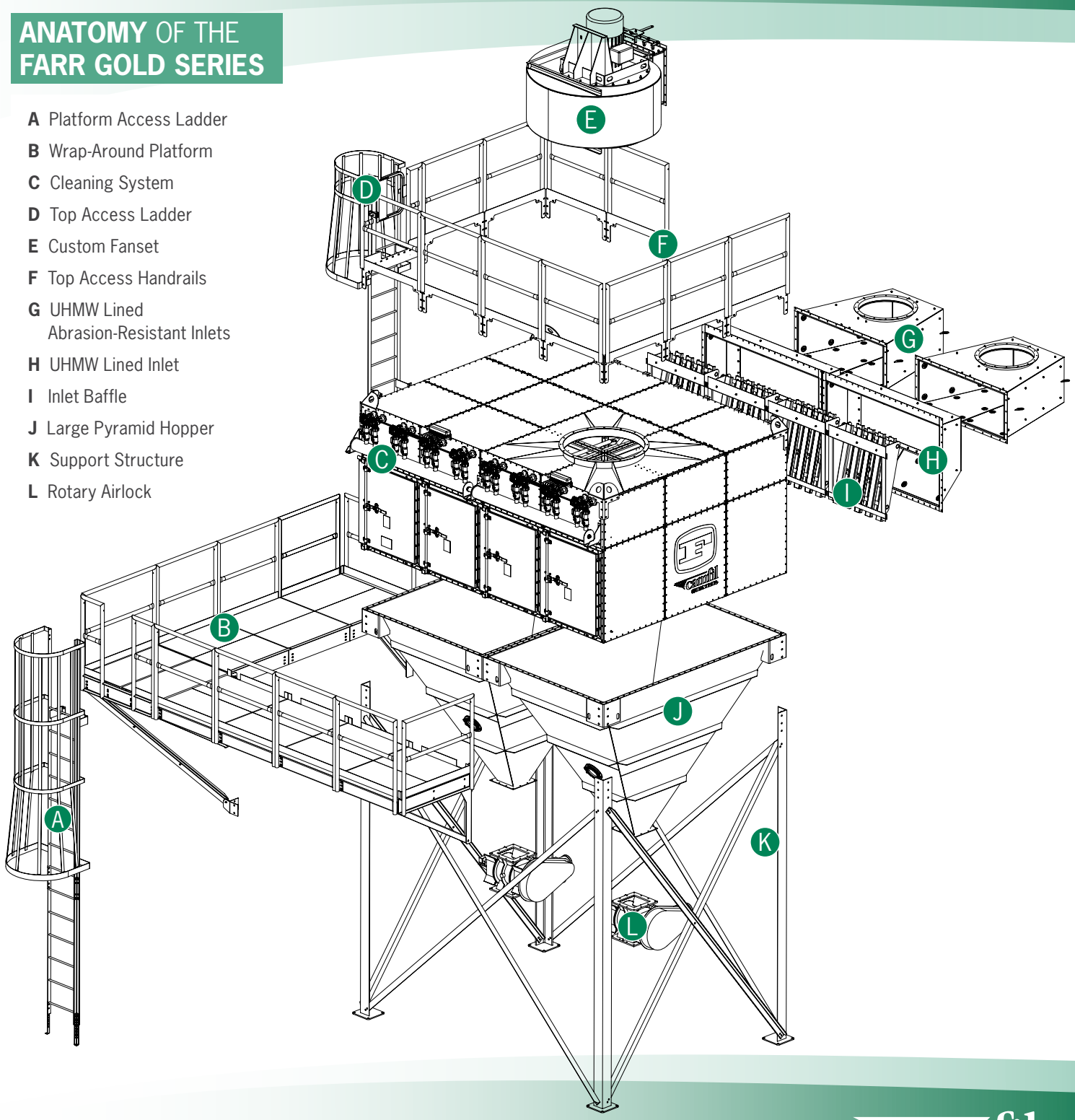
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ANATOMY OF THE FARR GOLD SERIES

A Platform Access Ladder
B Wrap-Around Platform
C Cleaning System
D Top Access Ladder
E Custom Fanset
F Top Access Handrails
G UHMW Lined Abrasion-Resistant Inlets
H UHMW Lined Inlet
I Inlet Baffle
J Large Pyramid Hopper
K Support Structure
L Rotary Airlock



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