





# 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 Gold Series dust and fume collector combines enhanced performance with ease of service and reliability for a cleaner workplace.

## 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  
Raventhorne Nickel  
Dolores Gold  
Unimin Corporation  
Oglebay Norton Specialty Minerals  
ESSA  
Simcala  
Rio Tinto  
Citic Pacific Mining - Sino Iron Ore  
First Quantum Minerals  
ALS Minerals



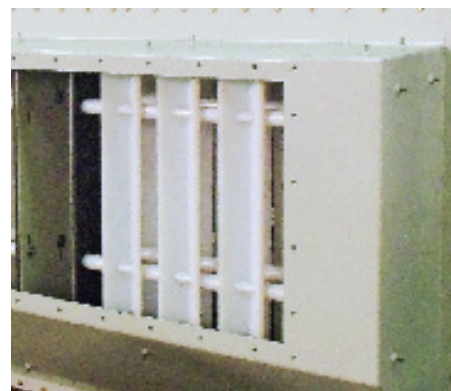
## APPLICATIONS

- 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

## MINING OPTIONS



Top Hand Rails



UHMW Mining Inlet Baffle



Slurry Tank for Conveying Dust



Copper Tubing and Diaphragm Maintenance Valve

# Gold Series

Camfil APC's innovative Gold Series dust collector is uniquely suited to the mining industry because of its extremely rugged, 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 Gold Series collector in mining applications has measured less than .0005 grains per cubic foot (.00116 grams per cubic meter) 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. HemiPleat® high efficiency cartridges and a cross flow inlet design allow the Gold Series to handle very heavy loads that horizontal cartridges cannot.



Gold Series on a crushing application



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



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

## FACTORY LOCATIONS (US)

### Camfil APC

Jonesboro Factory  
3200 Nestle Rd.  
Jonesboro, AR 72401  
**(800) 479-6801**

### Camfil APC

Arizona Mining Office  
1124 W Thatch Blvd, Suite 203  
Safford, AZ 85546  
**(928) 428-3150**

## FACTORY LOCATIONS (INTERNATIONAL)

### Camfil APC

Heywood Factory  
Unit C, Birch Business Park,  
Heywood, OL10 2SX, UK  
**+44 1706 363 820**

### Camfil APC

India Office  
62, IDC, Mehrauli Rd.  
Gurgaon, Haryana, India 122001  
**+91 124 4874100**

### Camfil APC

Australia Office  
Slough Business Park, Unit 31  
Silverwater, NSW 2128, Australia  
**+61 02 9648 5800**

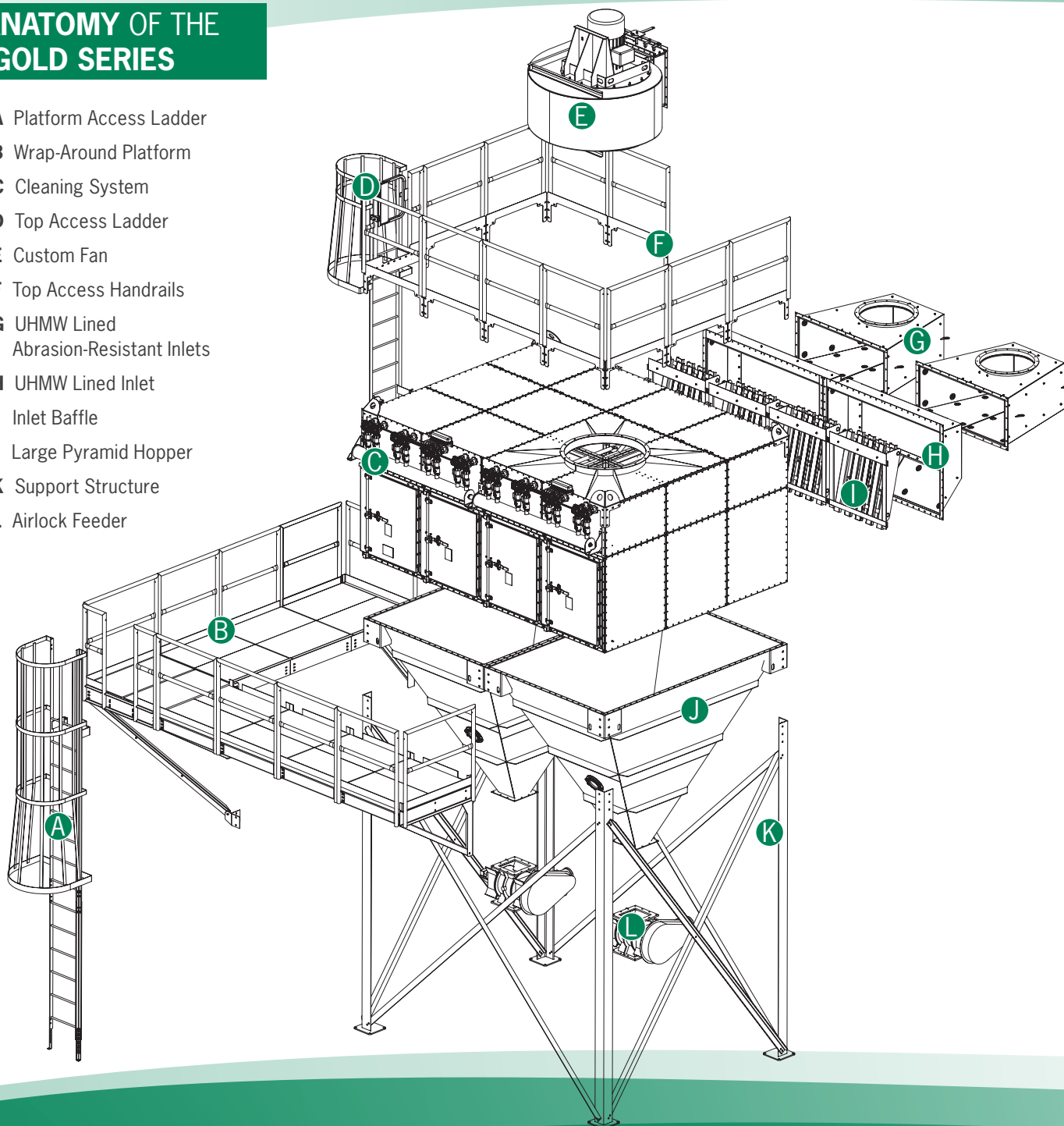
### Camfil APC

Latin America Office  
**(305) 517-7265**



## ANATOMY OF THE GOLD SERIES

- A Platform Access Ladder
- B Wrap-Around Platform
- C Cleaning System
- D Top Access Ladder
- E Custom Fan
- 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 Airlock Feeder



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