

Article Details	
Reference Code	IT141
Equipment Type	Outdoor Sleeve Dust Collector Silo / Baghouse Filter System
Structure	Modular Heavy-Duty Galvanized Steel Panels
Installation Type	Outdoor Vertical Silo System
Category	Dust Extraction & Air Filtration Plant
Operating Status & Availability	Installed on-site / Available on request

Technical & Construction Specifications	
Filtration Media	High-capacity vertical tubular fabric sleeves / filter bags
Safety & Explosion Protection	✓ Calibrated ATEX certified safety explosion relief panels
Access & Safety Systems	✓ Caged vertical safety ladder with top maintenance catwalk platform
Air Exhaust System	Top emission discharge chimney with protective rain cap bonnet
Inlet Ductwork	Rigid flanged suction pipe connected directly to the main facility intake line
Weather Resistance	✓ Weatherproof galvanized steel casing designed for outdoor industrial operation

Plant Components & Features	
Filtration Chamber	Multi-stage vertical filtration tower housing high-density tubular fabric sleeve bags for effective dust separation.
Caged Safety Ladder	Integrated galvanized steel ladder equipped with anti-fall protection safety cage leading up to the top access catwalk.
Top Maintenance Platform	Elevated perimeter walkway with safety handrails for convenient inspection, maintenance, and top-section servicing.
ATEX Explosion Relief Vents	Calibrated burst panels designed to safely vent overpressure in compliance with ATEX explosion protection standards.
Inspection & Service Doors	Base and intermediate hinged doors for rapid access, filter sleeve replacement, and internal system cleanout.