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**BAG-HOUSE
FILTRATION UNIT**



BAG-HOUSE FILTRATION UNIT

SCOPE: Filtration of process fumes and gases ventilated from the smelting furnace or refinery; suitable to satisfy laws and standards as per Client's request
Composition of filtration unit: mix chamber, bag-house, off gas fan

TYPE: Modular sectors:

- Automatic bag cleaning system (pulse-jet); by sector and independent from filtering operation
- Inlet gas temperature: up to 300°C
- Filtration speed: $\leq 1 \text{ m/l'}$ (foundry) and $\leq 1,2 \text{ m/l'}$ (refinery)
- Bag height: 3200 mm ÷ 4000 mm
- Primary filter media brand with suitable resistance to aggressive environment and high temperatures
- Dust discharge via screw conveyors and sealed rotary valve

MATERIALS: Case, plenum and hoppers: CORTEN-A
Structure: Carbon Steel
Sleeve cages: Stainless Steel AISI 304



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