

SOLUTIONS FOR FOUNDRIES

HEAVY DUTY INDUSTRIAL VACUUMS WITH LOBE PUMPS TO COLLECT LARGE AMOUNTS OF DUST, SPILLAGES AND RESIDUES



SAFEGUARDS OPERATORS' HEALTH BY ELIMINATING SPILLAGES AND DUST



LIMITED DOWN-TIMES DUE TO MACHINERY MAINTENANCE AND PRODUCTION EFFICIENCY GUARANTEED



REDUCED WASTE, MAINTENANCE COSTS AND TIME



DHV SUCTION AND STATIONARY UNITS

- Main applications for steel processing: casting ladles; moulds preparation; moulds breaking; blasting; cutting and finishing.
- Powerful vacuum pumps (tri-lobe rotors) to get rid of the finest dusts piling in every part of the production plant.
- Stationary suction unit with high water lift levels for heavy duty applications. To be coupled with filter separator.
- Alternate and self-clean filter cleaning system for continuous and unaltered suction performances.
- Large container capacity for heavy duty and 24/7 performance without continuous interruptions for emptying operations.
- Easy and safe handling of vacuumed material: container extraction and discharge with forklifts.



DHV HOPPERS WITH FILTER

- For medium or high vacuum applications to discharge on a different system (BIG BAG or other collection unit).
- High efficiency polyester sleeves filters (alternate filter cleaning system).
- Electric panel board with remote control included.
- Large capacity hopper with integrated level sensor and manual or pneumatic actuator.
- Rotary blower pump with carter and cooling fan.



DHV FILTER SEPARATORS, PRE-SEPARATORS AND SILOS

- Protect the motor and provides larger filter capacity.
- Filter separator: filter cleaning system with differential pressure, max level sensor to connect to the suction unit, hopper with integrated cyclone reinforced with Hardox plate and chassis with different heights upon request.
- Pre-separator: cyclone reinforced with Hardox plate, easy handling thanks to forklift intakes, easy discharge with snap closure.
- Silos: max level sensor to connect to the suction unit, cyclone reinforced with Hardox plate, manual or automatic discharge and chassis with different heights upon request.



DHV COMPONENTS, PIPELINE AND ACCESSORIES

- Manual or electro-pneumatic discharge valves: butterfly, slide valves, rotovalves for continuous discharge, counterweighted flap; double butterfly discharge.
- Customized piping configurations according to specific needs thanks to a large range of hoses, connections and pipes.
- Safety always guaranteed: specific and highly efficient filter sets, explosion relief valves, explosion vent, cut-off flap valves.
- Countless accessories: steel probe pipes, scraping nozzles, double wands, brushes and so on.

