



# TRAILER-MOUNTED VACUUM LOADERS

**Oriental Synergy** designs and manufactures a wide range of vacuum cleaning and recovery systems – *Electric or diesel* driven, *mobile or stationary centralized* with pipe work systems. Power ranging from **30 HP – 500 HP**.

## DIESEL-ENGINE-DRIVEN OR ELECTRIC MOTOR VACUUM SYSTEM

Features :

- Designed for round-the-clock continuous operation self-contained diesel engine
- Rugged, heavy duty, high powered vacuum producer
- Durable, trailer-mounted with tow bar offers greatest mobility.
- On-board air compressor provides all the necessary pneumatic utilities at the reach of the hand.
- Automatic filter cleaning system by compressed-air jet-pulse by the on-board air compressor.
- High efficiency filters ensure no emission of dust particles into the environment.
- On-board 10 KVA Alternator provides all the necessary electrical utilities without the needs of a generator set.
- One 230 V-50 Hz single-phase power switch is provided as power source for rotary valve, control valves, high level sensor, spotlight, etc. for the collection hopper.
- *Explosion-proof motor, spark-arrestor, cyclones and pre-separators* are the options available.

**ATLAS** vacuum loader systems are used in the following industrial applications:-

- *Packing plants*
- *Cement plants*
- *Retrieval of sludge/ mud/liquids/sedimentation*
- *Maintenance works*
- *Housekeeping*
- *Catalyst handling in oil refineries and chemical industries*
- *Pneumatic conveying*
- *Source capture dust control*
- *Central vacuum cleaning system*
- *Steel mills*
- *Coal mills*
- *Clinker silos*
- *Recovery of shots after blasting operation*



**ORIENTAL SYNERGY SDN. BHD.**  
(246400-D)

9, Jalan Satria 9, JB Perdana Industrial Park, 81300 Skudai, Johor. Malaysia.

Tel : +60 7 512 3379 Fax : +60 7 512 7379

Website : [www.oriental-synergy.com](http://www.oriental-synergy.com)

e-mail : [info@oriental-synergy.com](mailto:info@oriental-synergy.com)