



# ™ MOBILE VACUUM SYSTEM

**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 **15 HP - 500 HP**.

## PD SERIES

### Features :

- Designed for round-the-clock continuous operation.
- Rugged, heavy duty, high powered vacuum producer.
- Durable, compact, portable chassis offers greatest mobility.
- Easy-to-handle, removable dump bucket.
- Automatic filter cleaning system by air jet-pulse.
- High efficiency filters ensure no emission of dust particles into the environment.
- Minimal maintenance and trouble-free operation.
- *Explosion-proof motor, cyclones and pre-separators* are the options available.



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

- *Packing plants*
- *Catalyst handling in oil refineries and chemical industries.*
- *Steel mills*
- *Cement plants*
- *Pneumatic conveying*
- *Coal mills*
- *Maintenance works*
- *Source capture dust control*
- *Clinker silos*
- *Ceramic plants*
- *Central vacuum cleaning system*

DESCRIPTION		SPECIFICATION			
MODEL		ATLAS PD.20E	ATLAS PD.30E	ATLAS PD.40E	ATLAS PD.60E
Voltage	volts	415 V-3Phase-50 Hz	415 V-3Phase-50 Hz	415 V-3Phase-50 Hz	415 V-3Phase-50 Hz
Motor Power	kW/HP	15 / 20	22 / 30	30 / 40	45 / 60
Air Flow	m <sup>3</sup> /h	850	1,100	1,450	1,960
Vacuum	mmH <sub>2</sub> O	6,000	6,000	6,000	6,000
Filter Area	m <sup>2</sup>	12	18	18	26
Dust Container Capacity	litres	175	175	175	175
(Option upto 3m <sup>3</sup> )					
Emptying Mechanism		Quick-release Lever	Quick-release Lever	Quick-release Lever	Quick-release Lever
Protection	IP	55	55	55	55
Noise Level	dB(A)	78	80	81	82
Hose Connection	mm	100 / 80	100 / 80	125 / 100	150 / 125/100
Outline Dimension (L x W x Ht)	mm	1,650 x 800 x 1,850	1,650 x 800 x 1,850	1,800 x 900 x 1,850	2,000 x 1,000 x 1,980
Total weight	kg	420	510	650	910



## ORIENTAL SYNERGY SDN. BHD.

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

Tel : +607-512 3379 Fax : +607-512 7379

Website : [www.oriental-synergy.com](http://www.oriental-synergy.com) e-mail : [info@oriental-synergy.com](mailto:info@oriental-synergy.com)