

## Product Brochure For W3315

# Industrial Dust Collector - DC-100

3860cfm - LPHV System



|   |                   |
|---|-------------------|
| ORDER CODE:                                 | W3315             |
| MODEL:                                      | DC-100            |
| Type:                                       | Dust Collector    |
| Airflow (CFM):                              | 3860              |
| LPHV - Low Pressure High Volume (Yes / No): | Yes               |
| HPLV - High Pressure Low Volume (Yes / No): | No                |
| Inlets / Diameter (No. / mm):               | 4 x Ø100          |
| Outlets / Diameter (No. / mm):              | ~                 |
| Motor Power (kW / hp):                      | 3.75 / 5          |
| Voltage (V / amp):                          | 415               |
| Floor Space (W x D x H) (mm):               | 2100 x 850 x 3500 |
| Nett Weight (kg):                           | 148               |



## Description

LPHV = Low Pressure High Volume System

The dust and shavings of LPHV extractors are sucked through the impeller fan blade and then the waste falls into the lower bag, the air being exhausted through the top filter bag, collecting some of the fine dust on the way. This type of extraction shifts huge volumes of air at low pressure and they are very efficient at removing bulk waste such from Planers, Thicknessers & Wood Lathes etc, hence some people call them chip collectors. The downfall with all LPHV dust collector systems is when you reduce the intake hose from 100mm to 32mm the air flow volume is affected dramatically. The fine filtration efficiency can be improved somewhat by fitting a filter cartridge instead of the bag.

Please Note: Due to the enormous centrifugal force generated by the heavy duty 5hp motor, all 4 wheels are required to be locked prior operating dust collector.

## Features

- 3860cfm air flow suction
- 4 x Ø100mm extraction inlets
- Portable on swivel wheels with brakes
- Quick-action top & bottom bag clamps
- DOL safety start/stop switch
- Ø600mm filter drums
- 2.5 micron filter bags
- 1800mm high filter bags
- 1200 high collection bags
- Ø432mm impeller blade
- 3.75kW / 5hp 415V motor
- MADE IN TAIWAN

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**Specific Features**



Right View



Low View



Rear View



4 x 100mm Extraction Inlets



17" Impeller Driven By 5hp 415V Motor



Safety DOL On/Off Switch



Quick Action Clamps on Top Bags



Adjustable Quick Action Top Clamp



Quick Action Clamps on Bottom Bags



Adjustable Quick Action Bottom Clamp



Plastic Bag Hooks for Easy Mounting



4 x Swivel Wheels with Brakes

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**Recommended Accessories**

W344  
Wood Dust Accessory Kit



W334  
Dust Hose Reducer



W333  
Dust Hose Reducer



W335  
Blast Gate



W336  
Dust Hose Elbow - 90 Degree



W337  
Dust Hose Y Adaptor



W338  
Dust Hose Universal Dust Hood



W339  
Dust Hose Floor Sweeper Attachment



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W340  
Dust Hose Clamp

