

# PORTABLE DUST COLLECTOR



## 12,000 CFM Electric Unit



## MODEL DC12 LP EH

(LOW PROFILE SERIES,  
ELECTRIC UNIT WITH  
HYDRAULICS)

### Specifications

SPEC. # 85000022B (Rev. 06/2013)

- |                       |   |
|-----------------------|---|
| Performance Capacity  | <ul style="list-style-type: none"><li>• 12,000 CFM @ 9" W.G. Static Pressure</li><li>• 10,000 CFM @ 15" W.G. Static Pressure</li></ul>  |
| Construction          | <ul style="list-style-type: none"><li>• Carbon Steel Construction With Top Removal Filter Design</li><li>• Skid Mounted; Portable</li><li>• NEMA 4, 480V, 3 Ph, 60 Hz Motor Starter Panel</li></ul>   |
| Filter Media          | <ul style="list-style-type: none"><li>• Pleated Polyester Filter Element, Vertically Hung, For Natural Release Of Dust.</li><li>• Filtration Efficiency: 99.9% + 2 Micron (.015 Grains/ACF)</li><li>• 2336 Sq. Ft. Media Area</li><li>• Air-To-Cloth Ratio: 5.14:1 @ 12,000 CFM<br/>4.28:1 @ 10,000 CFM</li></ul> |
| Cleaning System       | <ul style="list-style-type: none"><li>• Reverse Pulse-Jet Type Continuous Cleaning System</li><li>• 6" Diameter Air Manifold with Pressure Gauge and Regulator</li><li>• 12 VDC Solenoids with Timer Control in NEMA 4 Enclosure</li></ul>  |
| Ducting Connections   | <ul style="list-style-type: none"><li>• One – 24" Diameter Rear Inlet Slip Fit Connector</li></ul>  |
| Driver                | <ul style="list-style-type: none"><li>• 40 HP, 460-VAC 3 Phase, T.E.F.C. Electric Motor</li><li>• Banded V-Belt Drive</li></ul>   |
| Dust Disposal         | <ul style="list-style-type: none"><li>• Swivel (Elevating) Discharge Screw Conveyor with Hydraulic Motor and Control</li><li>• Discharges into 55-Gallon Drum with Drum Lid and High Level Indicator, (Drums are By Others)</li></ul>   |
| Dust Removal Conveyor | <ul style="list-style-type: none"><li>• 9" Screw Conveyor with Hydraulic Motor and Control.</li><li>• 6" Swivel Discharge Screw Conveyor For Drum Loading on Either Side of Unit.</li></ul>   |
| Standard Skid Mount   | <ul style="list-style-type: none"><li>• 8' Wide x 16' Long Structural Steel Skid x 10'-1" High, Total Weight - 10,000 Lbs.</li></ul>  |

### Options

- Damper, Fan Outlet

### Optional Trailer

- 16 ½' Trailer (20 ½' O.A.L.) x 8'-6" Wide, 10 ½' O.A.H. w/ Dual 7,000 Lb. Capacity Axles with Electric Brakes, Running Lights and Reflectors. Total estimated empty weight: 11,500#
- Pintle Hook Tow Connection With Safety Chains

### Operating Requirements

- 75 Amp, 480 Volt, 3Ph, 60Hz. Power
- 14 CFM @ 80 P.S.I.G. Clean, Dry, Oil Free Compressed Air; ¾" Minimum Supply Line Size