



MODEL DC12 LP DH PORTABLE DUST COLLECTOR
(LOW PROFILE SERIES, DIESEL UNIT WITH HYDRAULICS)

Specifications	# 85000022A (06/13)
Performance Capacity	<ul style="list-style-type: none">• 12,000 CFM @ 11.7" W.G. Static Pressure• 10,000 CFM @ 17" W.G. Static Pressure
Construction	<ul style="list-style-type: none">• Carbon Steel Construction With Top Removal Filter Design• Skid Mounted; Portable
Filter Media	<ul style="list-style-type: none">• Pleated Polyester Filter Bags, Vertically Hung, For Natural Release Of Dust.• Filtration Efficiency: 99.9% + 2 Micron (.015 Grains/ACF)• 2336 Sq. Ft. Media Area• Air-To-Cloth Ratio: 5.14:1 @ 12,000 CFM 4.28:1 @ 10,000 CFM
Cleaning System	<ul style="list-style-type: none">• Reverse Pulse-Jet Type Continuous Cleaning System• 6" Diameter Air Manifold With Pressure Gauge and Regulator• 12 VDC Solenoids With Timer Control In NEMA 4 Enclosure
Ducting Connections	<ul style="list-style-type: none">• One – 24" Diameter Rear Inlet Slip Fit Connector
Power Unit	<ul style="list-style-type: none">• Caterpillar Interim Tier 4, or equal, Diesel Power Unit• Transmission: PTO With Manual Clutch and Banded V-Belt Drive• 50-Gallon Fuel Tank for up to 12 Hours Operation at Sea Level Elevation and Standard Conditions @ 1800 RPM• Emission Certification: EPA, EU.
Dust Disposal	<ul style="list-style-type: none">• Swivel (Elevating) Discharge Screw Conveyor With Hydraulic Motor and Control• Discharges Into 55 Gallon Drum With Drum Lid and High Level Indicator (Drums Are By Others)
Dust Removal Conveyor	<ul style="list-style-type: none">• 9" Screw Conveyor With Hydraulic Motor and Control.• 6" Swivel Discharge Screw Conveyor For Drum Loading On Either Side Of Unit.
Standard Skid Mount	<ul style="list-style-type: none">• 8' Wide x 16' Long Structural Steel Skid x 10'-1" High; Estimated Empty Weight: 10,500 Lbs.
Options	
Optional Trailer	<ul style="list-style-type: none">• Pintle Hook Tow, 16 ½' Trailer (21' O.A.L.) x 8 ½' Wide, 10 ½' High, with Dual 7,000 Lb. Capacity Axles With 16" Wheels and "E" Load Rated Tires, Electric Brake, Running Lights and Reflectors. Total estimated empty weight: 11,600#
Operating Requirements	<ul style="list-style-type: none">• 14 CFM @ 80 P.S.I.G. Clean, Dry, Oil Free Compressed Air; ¾" Minimum Supply Line Size• Diesel Fuel