

PORTABLE DUST COLLECTOR



45,000 CFM Low Profile Unit

MODEL DC45 LP DH

Specifications

85000019A (Rev. 01/10)

Capacity	<ul style="list-style-type: none">• 45,000 CFM @ 10.5" W.G. Static Pressure• 40,000 CFM @ 14" W.G. Static Pressure
Construction	<ul style="list-style-type: none">• Carbon Steel Construction with Top Removal Filter Design
Filter Media	<ul style="list-style-type: none">• Top Load Pleated Polyester Filter Elements, Vertically Hung, For Natural Release Of Dust• Efficiency: 99.9% + 2 Micron (.015 Grains/ACF)• 7008 Sq. Ft. Media Area• Air-To-Cloth Ratio: 6.42:1 @ 45,000 CFM 5.7:1 @ 40,000 CFM
Cleaning System	<ul style="list-style-type: none">• Pulse System for Continuous Cleaning• Air Operated Diaphragm Valves• 6" Diameter Air Manifold with Pressure Gauge, Regulator And Drain Valve• 12 VDC Solenoids With Solid State Timer Control In NEMA 4 Enclosure
Ducting Connections	<ul style="list-style-type: none">• Three 24" Diameter Rear Inlet Connections
Engine	<ul style="list-style-type: none">• Caterpillar or Equal, Diesel Power Unit• Transmission: PTO With Manual Clutch And Banded V-Belt Drive• 60 Gallon Fuel Capacity (Approx. 8 Hours of Operation)
Dust Disposal	<ul style="list-style-type: none">• 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" Size Main Auger And 6" Size Swivel Discharge Auger with Hydraulic Motor Drives

Options

Increase Fuel Capacity	<ul style="list-style-type: none">• 84-gallon tank, or (2) 60-gallon side mount tanks
Skid Mount (2-Section)	<ul style="list-style-type: none">• 8'-6" Wide x 29' Long x 9'-3" High, Weight - 18,000 Lb
Dirty Air Plenum	<ul style="list-style-type: none">• Add another access hatch to opposite side of dirty air plenum
Access Trailer Mount	<ul style="list-style-type: none">• 8'-6" Wide x 34' Long x 10'-7" High, Weight - 19,500 Lb.• Tandem Axles For 20,000# GVW Capacity, With 16" Wheels, Electric Brakes, Leveling Jack, Running Lights And Reflectors• 24,000# Axle package upgrade to increase trailer capacity• Dirty Air Inlet Covers (set of (3))
Operating Requirements	<ul style="list-style-type: none">• 35 CFM @ 80 P.S.I.G. Clean, Dry, Oil Free Compressed Air; ¾" Minimum Supply Line Size• Diesel Fuel

Specifications are subject to change with equipment updates.