PORTABLE DUST COLLECTOR

45,000 CFM Low Profile Unit

MODEL DC45 LP DH

Specifications

85000019A (Rev. 01/10)

Capacity	• 45,000 CFM @ 10.5” W.G. Static Pressure • 40,000 CFM @ 14” W.G. Static Pressure
Construction	• Carbon Steel Construction with Top Removal Filter Design
Filter Media	• 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	• 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	• Three 24” Diameter Rear Inlet Connections
Engine	• 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	• Discharges into 55-Gallon Drum with Drum Lid and High Level Indicator (Drums are By Others)
Dust Removal Conveyor	• 9” Size Main Auger And 6” Size Swivel Discharge Auger with Hydraulic Motor Drives

Options

Increase Fuel Capacity	• 84-gallon tank, or (2) 60-gallon side mount tanks
Skid Mount (2-Section)	• 8’-6” Wide x 29’ Long x 9’-3” High, Weight - 18,000 Lb
Dirty Air Plenum	• Add another access hatch to opposite side of dirty air plenum
Access Trailer Mount	• 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	• 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.

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