

PORTABLE DUST COLLECTOR



45,000 CFM High Profile Unit



MODEL DC45 HP6 DH



Specifications

85000028A (1/10)

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| 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 Timer Control In NEMA 4 Enclosure |
| Ducting Connections | <ul style="list-style-type: none">• Three 24" Diameter Rear Outlet Connections |
| Engine | <ul style="list-style-type: none">• Tier III Caterpillar or Equa I, Diesel Power Unit• Transmission: PTO With Manual Clutch and Banded V-Belt Drive• 60 Gallon Fuel Tank (8-10 Hours 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, Horizontal, On Centerline Of Unit. |
| Trailer Mount | <ul style="list-style-type: none">• 8'-6" Wide x 31'-6" Long x 12'-10" High, Empty Weight - 19,500 Lb.• Tandem Axles For 20,000# GVW Capacity, With 16" Wheels, Electric Brakes, Leveling Jack, Running Lights And Reflectors• Pintle Hook Tow Connection |

Options

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| Trailer Upgrade | <ul style="list-style-type: none">• 24,000# Axle package upgrade |
| Additional Fuel Tank | <ul style="list-style-type: none">• 120-Gallon Capacity For 16 Hours Of Operation |
| Air Compressor (A) | <ul style="list-style-type: none">• On-Board Diesel Engine Driven 18.7 CFM Air Compressor |
| Air Compressor (B) | <ul style="list-style-type: none">• 35 CFM Compressor with Independent Hydraulic Drive motor & Cooler |
| Comp. Air Dryer System | <ul style="list-style-type: none">• Dual Air Tank Moisture Separator w/ Low maintenance Membrane Dryer |
| 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.