2500 CFM Portable Cyclone
Electric Powered Dust Collector  Model #: PDC2500-E

• AIR VOLUME
  2,500 ACFM at - 8” W.G.

• POWER SOURCE
  5HP, 230/460 volt, 3 phase, TEFC motor,
  5 HP rated enclosed motor starter with
  120 VAC controls, pre-wired plug @ 15 ft

• FILTRATION
  4 stage filtration
  -Cyclonic separator
  -Stainless steel wire mesh pre-filter, spark arrestor
  -(2) Nanofiber cartridge media, fire retardant,
  MERV 15, 520 sq. ft. media, 99.97% @ 0.3 micron
  -Carbon odor discharge filter

STANDARD EQUIPMENT

• (1) 8" QF inlet hose connection with 6" QF reducer
• Adjustable 55 gallon drum adapter (drum not included)
• (4) 5" diameter casters, swivel locking
• Manual push button cartridge pulse jet cleaning
• Inlet air regulator with gauge
• Magnehelic gauge
• Dust & debris dropout drawer
• 12 gauge carbon steel construction
• Epoxy primer & polyurethane enamel top coat

OPTIONS

• Gasoline engine power source
• On-Board air compressor package
• Compressor cold weather kit
• Sound package for ultra quiet operation
• HEPA filter media
• Poly paint pad pre-filter
• Refillable carbon tray filter
• Explosion proof options NEMA 7/9
• Automatic timed pulse jet cleaning
• Fork pockets or single lift point
• Bulk bag unloading attachment
• 55 gallon drum lifting & pivot clamp

Industrial Vacuum Equipment Corporation state-of-the-art cartridge pulse jet
dust collectors provide quality, dependability and service at a competitive price.
Mobile units are good for indoor and outdoor use.

Dawson-Macdonald Co., Inc.
845 Woburn Street - Wilmington, MA 01887
Tel: (800) 556-4456 (toll free) / Fax: (978) 657-8740
E-mail: info@dawson-macdonald.com
Website: www.dawson-macdonald.com

Industrial Vacuum Equipment Corporation
N8150 Maple Street • Ixonia, WI 53036
800-331-4832 • 920-261-1136 • FAX 920-261-7117
www.industrialvacuum.com
2500 CFM Portable Cyclone
Electric Powered Dust Collector
Model #: PDC2500-E

DIMENSIONS
Length  77"
Width   42"
Height  81"
Weight  1500 lbs.
6DC TRAILER
Diesel Powered Dust Collector

• MOBILE or SKID MOUNTED
  Heavy duty 4” X 6” rectangular tube frame

• TRAILER
  Single axle, 7,000 lbs. Torflex with electric brakes

• POWER SOURCE
  Available in a diesel or electric powered model
  24 HP, 1.02 liter, Tier 4 Final Kohler engine

• HIGH CAPACITY
  Filtering capacity of 6,000 CFM at 12” WG
  3,120 sq. ft. of primary filter area for an air to cloth ratio of 1.92 to 1
  12 side loading easy access vertical filtering cartridges

VERSATILITY - OPTIONS
• Gooseneck trailer
• On board air compressor
• Frac package
• Artic air dryer
• Webasto programmable engine preheater
• LED work lights
• 60 gallon fuel tank
• 20 HP electric motor 460/3/60
• High static fan (14.5” WG)
• Tandem 6,000 lbs Torflex axles
• Emergency engine shutdown
• 20 lbs ABC fire extinguisher
• Cone vibrator (electric or pneumatic)
• Cummins or Kubota diesel engine
• 40 HP, 1.86 L, Tier 4 Final Kohler engine

STANDARD EQUIPMENT
• Solid state, programmable timer board for reverse air pulse filter cleaning
• High quality finish- epoxy primer & polyurethane top coat
• DOT approved LED trailer lighting & reflective recognition tape
• Standard one year limited warranty
• (2) 16” inlets with debris screens
• Direct drive hydraulically driven uploading auger with cleanout
• Steel engine shroud
• 38 gallon fuel tank
• Magnehelic gauge
• Bag clamp on auger outlet
• Engine block heater 120 VAC
6DC Trailer
Diesel Powered Dust Collector

DIMENSIONS
Weight 6,000 lbs.

124” Tall
189” Long
99” Wide
12DC TRAILER
Diesel Powered Dust Collector

• MOBILE or SKID MOUNTED
  Heavy duty 4" X 8" rectangular tube frame

• TRAILER
  Dual axle, 6,000 lbs. Torflex with electric brakes

• POWER SOURCE
  Available in a diesel or electric powered model
  48 HP, 1.86 liter, Tier 4 Final Kohler engine

• HIGH CAPACITY
  Filtering capacity of 12,000 CFM at 12" WG
  5,200 sq. ft. of primary filter area for an air to cloth ratio of 2.3 to 1
  20 side loading easy access vertical filtering cartridges

VERSATILITY - OPTIONS
• Gooseneck trailer
• On board air compressor
• Frac package
• Artic air dryer
• Webasto programmable engine preheater
• LED work lights
• 100 gallon fuel tank
• 40 HP electric motor 460/3/60
• High static fan (14.5" WG)
• 8,000 lbs Torflex axles
• Emergency engine shutdown
• 20 lbs ABC fire extinguisher
• Cone vibrator (electric or pneumatic)
• Cummins or Kubota diesel engine
• 56 HP, 1.86 L, Tier 4 Final Kohler engine

STANDARD EQUIPMENT
• Solid state, programmable timer board for reverse air pulse filter cleaning
• High quality finish- epoxy primer & polyurethane top coat
• DOT approved LED trailer lighting & reflective recognition tape
• Standard one year limited warranty
• (6) 16" inlets with debris screens
• Direct drive hydraulically driven uploading auger with cleanout
• Steel engine shroud
• 60 gallon fuel tank
• Magnehelic gauge
• Bag clamp on auger outlet
• Engine block heater 120 VAC
12DC Trailer
Diesel Powered Dust Collector

DIMENSIONS
Weight 10,000 lbs.

130” Tall
233” Long
99” Wide
30DC TRAILER
Diesel Powered Dust Collector

• MOBILE or SKID MOUNTED
  Heavy duty 4”x 10” rectangular tube frame

• TRAILER
  Tandem 10,000 lbs Torflex, with electric brakes

• POWER SOURCE
  Available in a diesel or electric powered model
  156HP, 6.8 Liter, Tier 3 John Deere diesel engine with 120 gallon fuel tank

• HIGH CAPACITY
  Filtering capacity of 30,000cfm @ 12”w.c.
  12,480 sq. ft. of primary filter area for an air to cloth ratio of 2.4 to 1
  48 side loading easy access vertical filtering cartridges

VERSATILITY - OPTIONS

• Gooseneck trailer
• On board air compressor
• Frac package
• Arctic air dryer
• Webasto programmable engine preheater
• LED work lights
• Extendable discharge auger
• Cummins engine
• 8,000 lbs Torflex Tri-axle
• Emergency engine shutdown
• 20 lbs ABC fire extinguisher

STANDARD EQUIPMENT

• Solid state, programmable timer board for reverse air pulse filter cleaning system
• High quality finish - epoxy primer & polyurethane top coat
• DOT approved trailer lighting & reflective recognition tape
• Standard one year limited warranty
• (6) 20” inlets
• Hydraulically driven uploading auger with 180° pivoting discharge
• Steel locking engine shroud
• 120 gallon fuel tank
• Magnehelic gauge
• Bag clamp on auger outlet
• Cone vibrator (electric or pneumatic)
30DC TRAILER
Diesel Powered Dust Collector

DIMENSIONS

328” Long (Pintle)
370” Long (Gooseneck)

150” Tall

101” Wide

WEIGHT
18,000 lbs (Pintle)
18,500 lbs (Gooseneck)
45DC TRAILER
Diesel Powered Dust Collector

• MOBILE or SKID MOUNTED
  Heavy duty 4" x 10" rectangular tube frame

• TRAILER
  Tri-axle, 8000 lbs Torflex, with electric brakes

• POWER SOURCE
  Available in a diesel or electric powered model
  173 HP, 6.8 Liter, Tier 3 John Deere diesel engine with 120 gallon fuel tank

• HIGH CAPACITY
  Filtering capacity of 40,000cfm @ 14" w.c. and 45,000cfm @ 12" w.c.
  15,600 sq. ft. of primary filter area for an air to cloth ratio of 2.6 to 1
  60 side loading easy access vertical filtering cartridges

VERSATILITY - OPTIONS
• Gooseneck trailer
• On board air compressor
• Frac package
• Arctic air dryer
• Webasto programmable engine preheater
• LED work lights
• Extendable discharge auger
• Cummins engine
• 10,000 lbs Torflex axles
• Emergency engine shutdown
• 20 lbs ABC fire extinguisher

STANDARD EQUIPMENT
• Solid state, programmable timer board for reverse air pulse filter cleaning system
• High quality finish - epoxy primer & polyurethane top coat
• DOT approved trailer lighting & reflective recognition tape
• Standard one year limited warranty
• (8) 20" inlets
• Hydraulically driven uploading auger with 180° pivoting discharge
• Steel locking engine shroud
• 120 gallon fuel tank
• Magnehelic gauge
• Bag clamp on auger outlet
• Cone vibrator (electric or pneumatic)

INDUSTRIAL VACUUM EQUIPMENT CORPORATION
N7959 Birch Road • Ixonia, WI 53036
800-331-4832 • 920-261-1136 • FAX 920-261-7117
www.IndustrialVacuum.com