

The Dust Destroyer - Dust Control System

General Specifications

37,500 CFM generated by fan
 10,100 feet per minute fan outlet air velocity
 27,000 sq. ft.-196,000 sq. ft. coverage
 0 - 360 degrees continuous rotation or oscillation from 30 - 60 degrees
 Powered adjustable angle of throw 0-35 degrees of height adjustment
 360 degrees of powered position adjustment
 Dust suppression machine weight = 5,500 lbs

Water Specifications

Throw 20 - 250+ feet
 Coverage height 0-75 feet
 30 brass nozzles on primary water ring
 6 brass nozzles on secondary soaking ring
 Separate ball valve control for each water ring
 In-line filter included (40 mesh, 420 micron)
 Quick disconnect water inlet fitting up to 2" diameter
 Water boosted by 150 PSI after going through booster pump

Optional Equipment

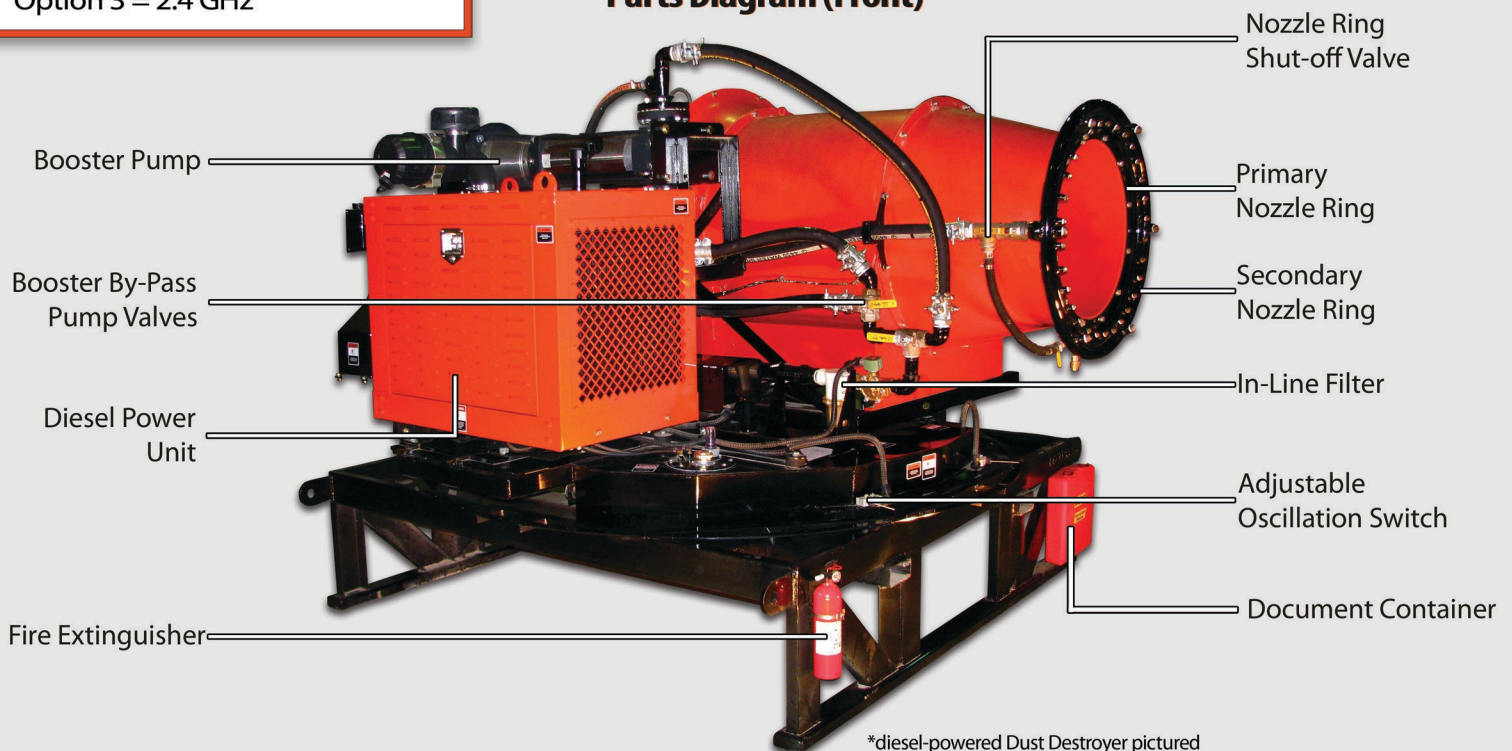
Trailer
 Export container package
 Chemical additive for odor control
 Remote control:
 Option 1 = 300ft
 Option 2 = 1000ft
 Option 3 = 2.4 GHz

Noise Level

0 ft = 102 dBA
 12 ft = 93 dBA



Parts Diagram (Front)



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Primary (30) Nozzle Ring

Water Pressure (psi)	40	60	80	100	120	140	150
Water Flow (gpm)	12.0	14.6	16.9	18.9	21.0	22.5	23.3

Secondary (6) Nozzle Ring

Water Pressure (psi)	40	60	80	100	120	140	150
Water Flow (gpm)	60	73	85	95	104	111	114

Power Specifications

80 HP continuous diesel engine @ 2200 RPM
 1/2 HP, 12 volt, direct current oscillator motor
 300:1 worm gear reducer on oscillator drive
 5.94:1 final gear reduction on oscillator drive
 1.0 RPM rotation speed for oscillation
 1/3 HP, intermittent duty, 12 volt, direct current throw adjustment motor

Chassis Specifications

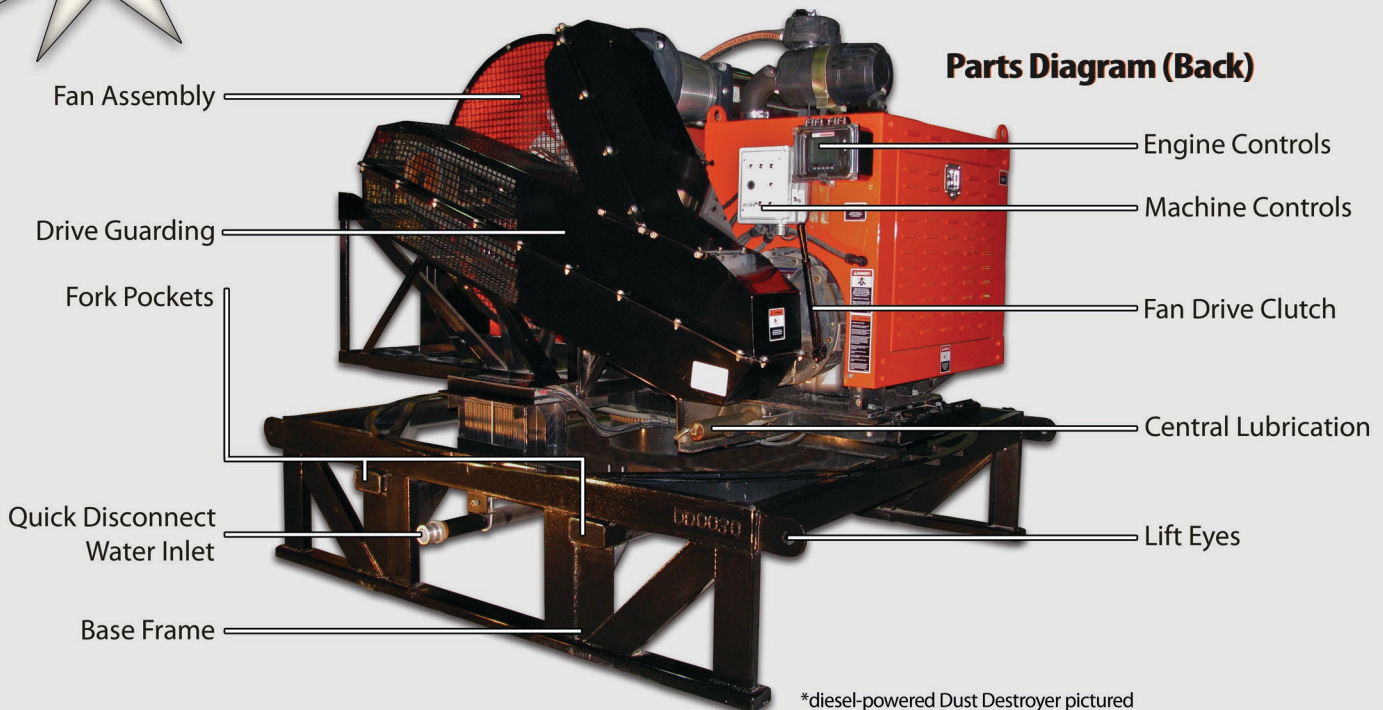
8.5 feet wide x 8.9 feet long x 7.0 feet tall



New

All Electric Powered Dust Destroyer
Our newly converted all-electric Dust Destroyer
Available in 575 VAC or 480 VAC

Parts Diagram (Back)



*diesel-powered Dust Destroyer pictured

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