



CREATING TOMORROW'S STANDARDS FOR TODAY'S ENVIRONMENT

EnTech Industries

CYCLONE SERIES DUST COLLECTORS



Distributed By:



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CYCLONE SERIES

EnTech **CYCLONE** series dust collection systems. Each model represents more than 20 years of product development, innovation, and jobsite proven performance. The **CYCLONE** is of specialized air handling and particulate collection equipment that offers several dramatic improvements over other collectors. Designed using unique and innovative technology, the **CYCLONE** will provide the user with safe and cost effective operation with outstanding results.





CONSIDER THESE CYCLONE ADVANTAGES

- In-line air flow between plenum and fan ensures the highest efficiency.
- Extremely low air-to-cloth ratio provides more filter area for high dust conditions.
- Powerful, reliable, and fuel efficient diesel engines and optional electric power.
- The full engine enclosure to protect against vandalism and weather.
- A unique filter baffle system enhances pulse jet cleaning and extends filter life.
- Hydraulically powered unloading augers provide low maintenance, dependable operation.
- Conveniently located air inlets on three sides provide greater job-site versatility.
- Top loading filters offer superior cleaning and can be changed by a single operator with less risk of hazardous spills.
- Heavy duty construction and superior paint job means the Cyclone will last longer and retain its value.
- Sizes range from 2,000 to 80,000 cfm.
- High quality finish (Epoxy primer, Acrylic urethane top coat)
- DOT approved trailer lighting and reflective recognition tape.
- One year limited warranty.

CYCLONE 2 DC SPECIFICATIONS



Filtration4 top loading cartridges
Filter CleaningTimed cycle reverse air pulse
Air InletsTwo 6" inlet ports
Air to Cloth Ratio 1.92:1 at 2,000 cfm
Filter Media 1,040 sq. ft. moisture resistant cellulose resin material (standard)
Efficiency 99.8% at 0.5 micron particle (after initial dust load – MERV 12 initial rating)
Material Discharge Hydraulic powered auger
Dimensions (HxWxL)86"H x 40"W x 96"L
EngineIsuzu 2CA1 = .57 L 20 hp 3600 rpm
Fan Non-Overloading, Spark Resisting
Air Flow Rates 2,000 cfm @ 12" w.c.
Fuel Consumption 1 Gallon per hour
Fuel Storage 18 gallons
Electrical System 12V dc
Weight2,800 lbs. actual
Brakes Not available, skid mount
PaintETI Gray
WarrantyOne Year Limited Warranty

OPTIONS

Diesel Powered 14 HP Liquid Cooled Tier 4i
Electric Powered15 HP 230 or 480 VAC 3 PH
Filters Standard Qx Media 80/20 Blend
 Spun Bonded Polyester
 HEPA Secondary Final Filter
 Filter Restriction Warning Light
Pulse System Direct Pilot Valves
 Remote Pilot Valves
 Onboard Air Compressor
Waste Removal Gravity Dump
 Electric Powered Auger
 Hydraulic Powered Auger
 Vibrator – Air Powered
 Vibrator – Electric Powered
Frame Configuration Skid With Gravity Dump
 Skid With Auger Discharge
 Trailer With Auger Discharge
 Crane Pick Points
 Fork Lift Pockets
Storage Storage Boxes
Jack Heavy Duty Jack
Fuel Large Fuel Fill
 Grease Gun
 Tie Down Points
Dryer Air Dryer
Paint Custom Company Color



CYCLONE 6 DC SPECIFICATIONS

Filtration	9 top loading cartridges	Filters	Standard Qx Media 80/20 Blend Spun Bonded Polyester HEPA Secondary Final Filter Filter Restriction Warning Light
Filter Cleaning	Timed cycle reverse air pulse	Pulse System	Direct Pilot Valves Remote Pilot Valves Onboard Air Compressor
Air Inlets	(2) total - 16" diameter, (1) per side	Waste Removal	Gravity Dump Electric Powered Auger Hydraulic Powered Auger Vibrator – Air Powered Vibrator – Electric Powered
Air to Cloth Ratio	2.56:1 at 6,000 cfm	Frame Configuration ...	Skid With Gravity Dump Skid With Auger Discharge Trailer With Auger Discharge Crane Pick Points Fork Lift Pockets
Filter Media	2,340 sq. ft. moisture resistant cellulose resin material (standard)	Hitch	2 5/16 Ball Coupler Pintle Lunette
Efficiency	99.8% at 0.5 micron particle (after initial dust load – MERV 12 initial rating)	Storage	Storage Boxes
Material Discharge	Hydraulic powered auger	Jack	Heavy Duty Jack
Dimensions (HxWxL)	9' x 8' x 16"	Fuel	Large Fuel Fill Grease Gun Tie Down Points
Engine	Isuzu 3CB1 = 1.1 L	Dryer	Air Dryer
Fan	Non-Overloading, Spark Resisting	Paint	Custom Company Color
Air Flow Rates	6,000 cfm @ 12" wc		
Fuel Consumption	1.5 Gallons per hour		
Fuel Storage	40 gallons		
Electrical System	12V dc		
Weight	4,200 lbs.actual, 5,000 lbs. gvw.		
Brakes	Electric		
Paint	ETI Gray		
Warranty	One Year Limited Warranty		

OPTIONS

Diesel Powered	Liquid Cooled Tier 4i
Electric Powered	20 HP 230 or 480 VAC 3 PH
Bi-Powered	Diesel Engine and Electric Motor



CYCLONE 12 DC SPECIFICATIONS

OPTIONS

Filtration 18 top loading cartridges
Filter Cleaning Timed cycle reverse air pulse
Air Inlets (4) 16" Inlet duct ports (2 each side)
Air to Cloth Ratio 2.56:1 at 12,000 cfm
Filter Media 4,680 sq. ft. moisture
resistant cellulose resin material (standard)
Efficiency 99.8% at 0.5 micron particle
(after initial dust load – MERV 12 initial rating)
Material Discharge Hydraulic powered auger
Dimensions (HxWxL) 9'8" x 8' x 22'
Engine Isuzu 4LE1 = 2.2 L 52 HP
Fan Non-Overloading, Spark Resisting
Air Flow Rates 12,000 cfm @ 12" wc
Fuel Consumption ... 2.6 Gallons per hour
Fuel Storage 40 gallons
Electrical System 12V dc
Weight 8,000 lbs. actual,
14,000 lbs. gw.
Brakes Electric
Paint ETI Gray
Warranty
One Year Limited
Warranty

Diesel Powered Liquid Cooled Tier 4i
Electric Powered 40 HP 480 VAC 3 PH
Bi-Powered Diesel Engine and Electric Motor
Filters Standard Qx Media 80/20 Blend
Spun Bonded Polyester
HEPA Secondary Final Filter
Filter Restriction Warning Light
Pulse System Onboard Air Compressor
Waste Removal Gravity Dump
Electric Powered Auger
Hydraulic Powered Auger
Vibrator – Air Powered
Vibrator – Electric Powered
Frame Configuration Skid With Gravity Dump
Skid With Auger Discharge
Trailer With Auger Discharge
Crane Pick Points
Fork Lift Pockets
Storage Storage Boxes
Jack Heavy Duty Jack
Fuel Large Fuel Fill
Grease Gun
Tie Down Points
Dryer Air Dryer
Hitch 2 5/16 Ball Coupler Pintle Lunette
Paint Custom Company Color

CYCLONE 20 DC SPECIFICATIONS



Filtration 27 top loading cartridges
Filter Cleaning Reverse air pulse filter cleaning
Air Inlets (4) 20" Inlet duct ports (2 each side)
Air to Cloth Ratio 2.85:1 at 20,000 cfm
Filter Media 7,020 sq. ft. of QX primary filter media
Efficiency 99.8% at 0.5 micron particle
 (after initial dust load – MERV 12 initial rating)
Material Discharge Hydraulic powered auger
Dimensions (HxWxL) 9'8" H x 8'W x 28' L
Engine John Deere 4045 = 4.5 L 74 hp 2500 rpm
Fan Non-Overloading, Spark Resisting
Air Flow Rates 2,000 cfm @ 12" w.c.
Fuel Consumption 4.8 g/hour
Fuel Storage 60 gallon fuel capacity
Electrical System 12V dc
Weight 13,000 lbs actual, 21000 gw
Brakes Electric
Paint ETI Gray
Warranty One Year Limited Warranty

OPTIONS

Diesel Powered Liquid Cooled Tier 3 80 HP
Electric Powered 60 HP 480 VAC 3 PH
Bi-Powered Diesel Engine and Electric Motor
Filters Standard Qx Media 80/20 Blend
 Spun Bonded Polyester
 HEPA Secondary Final Filter
 Filter Restriction Warning Light
Pulse System Onboard Air Compressor
Waste Removal Gravity Dump
 Electric Powered Auger
 Hydraulic Powered Auger
 Vibrator – Air Powered
 Vibrator – Electric Powered
Frame Configuration Skid With Gravity Dump
 Skid With Auger Discharge
 Trailer With Auger Discharge
 Crane Pick Points
 Fork Lift Pockets
Hopper Configuration Two Additional 20" Inlets on
 rear of hopper
 Quick release inlet connectors and clamps
Storage Duct Hose Storage
 Storage Boxes
Jack Heavy Duty Jack
Fuel Large Fuel Fill
 Grease Gun
 Tie Down Points
Dryer Air Dryer
Hitch 2 5/16 Ball Coupler Pintle Lunette
Paint Custom Company Color

CYCLONE 30 DC SPECIFICATIONS



Filtration 45 top loading cartridges

Filter Cleaning Timed cycle reverse air pulse

Air Inlets (6) total - 20" diameter
(2) per side and (2) per rear

Air to Cloth Ratio 2.56:1 at 30,000 cfm

Filter Media 11,700 sq. ft. moisture
resistant cellulose resin material (standard)

Efficiency 99.8% at 0.5 micron particle
(after initial dust load – MERV 12 initial rating)

Material Discharge Hydraulic powered auger

Dimensions (HxWxL) 11'4" x 8' x 27'6"

Engine John Deere 4045 = 4.5 L
99 HP at 2,200 rpm

Fan Non-Overloading, Spark Resisting

Air Flow Rates 30,000 cfm @ 12" wc

Fuel Consumption 5.8 Gallons per hour

Fuel Storage 120 gallons

Electrical System 12V dc

Weight 17,000 lbs. actual; 24,000 gw

Brakes Electric

Paint ETI Gray

Warranty One Year Limited Warranty

OPTIONS

Diesel Powered Liquid Cooled Tier 3 135 HP

Electric Powered 100 HP 480 VAC 3 PH

Bi-Powered Diesel Engine and Electric Motor

Filters Standard Qx Media 80/20 Blend
Spun Bonded Polyester
HEPA Secondary Final Filter
Filter Restriction Warning Light

Pulse System Onboard Air Compressor

Waste Removal Hydraulic Powered Auger
Vibrator – Air Powered
Vibrator – Electric Powered

Frame Configuration Skid With Auger Discharge
Trailer With Auger Discharge
Crane Pick Points
Fork Lift Pockets

Hopper Configuration Quick release inlet
connectors and clamps

Storage Storage Boxes
Under Hopper Storage Boxes

Jack Heavy Duty Jack

Fuel Large Fuel Fill
Grease Gun
Tie Down Points

Dryer Air Dryer

Hitch 2 5/16 Ball Coupler Pintle Lunette

Paint Custom Company Color



CYCLONE 40 DC SPECIFICATIONS

Filtration	60 top loading cartridges	Filters	Standard Qx Media 80/20 Blend Spun Bonded Polyester HEPA Secondary Final Filter Filter Restriction Warning Light
Filter Cleaning	Timed cycle reverse air pulse	Pulse System	Onboard Air Compressor
Air Inlets	(6) total - 20" diameter (2) per side and (2) per rear	Waste Removal	Hydraulic Powered Auger Vibrator – Air Powered Vibrator – Electric Powered
Air to Cloth Ratio	2.56:1 at 40,000 cfm	Frame Configuration ..	Skid With Auger Discharge Trailer With Auger Discharge Crane Pick Points Fork Lift Pockets
Filter Media	15,600 sq. ft. moisture resistant cellulose resin material (standard)	Hopper Configuration	Quick release inlet connectors and clamps
Efficiency	99.8% at 0.5 micron particle (after initial dust load – MERV 12 initial rating)	Storage	Storage Boxes Under Hopper Storage Boxes
Material Discharge	Hydraulic powered auger	Jack	Heavy Duty Jack
Dimensions (HxWxL)	11'10" x 8' x 32'	Fuel	Large Fuel Fill Grease Gun Tie Down Points
Engine John Deere 6068 = 6.8 L, 135 HP at 2,200 rpm		Dryer	Air Dryer
Fan	Non-Overloading, Spark Resisting	Paint ..	Custom Company Color
Air Flow Rates	40,000 cfm @ 12" wc		
Fuel Consumption	7.5 Gallons per hour		
Fuel Storage	120 gallons		
Electrical System	12V dc		
Weight	20,000 lbs. actual, 24,000 lbs. gvw.		
Brakes	Electric		
Paint	ETI Gray		
Warranty	One Year Limited Warranty		

OPTIONS

- Diesel Powered Liquid Cooled Tier 3 178 HP
- Electric Powered 150 HP 480 VAC 3 PH

CYCLONE 60 DC SPECIFICATIONS



- Filtration** 75 top loading cartridges
- Filter Cleaning** Timed cycle reverse air pulse
- Air Inlets** ... (8) 20" Inlet duct ports (3 each side, 2 rear)
- Air to Cloth Ratio** 2.56:1 at 60,000 cfm
- Filter Media** 23,400 sq. ft. moisture resistant cellulose resin material (standard)
- Efficiency** 99.8% at 0.5 micron particle (after initial dust load – MERV 12 initial rating)
- Material Discharge** Hydraulic powered auger
- Dimensions (HxWxL)** 12' 10" x 8' 6" x 51'
- Engine** .. John Deere 6068 = 6.8L 225 HP at 2400 RPM
- Fan** Non-Overloading, Spark Resisting
- Air Flow Rates** 60,000 cfm @ 12" w.c.
- Fuel Consumption** 11.03 g/hour
- Fuel Storage** 200 gallons
- Electrical System** 12V dc
- Weight** 31,860 lbs actual, 80,000 gvw
- Brakes** Air
- Paint** ETI Gray
- Warranty** One Year Limited Warranty

OPTIONS

- Diesel Powered** Liquid Cooled Tier 3 225 HP
- Electric Powered** 200 HP 480 V E PH TEFC
- Filters** Standard Qx Media 80/20 Blend
Spun Bonded Polyester
SBTX HEPA Equivalent
HEPA Secondary Final Filter Cabinets
Filter Restriction Warning Lights
- Pulse System** Onboard Air Compressor
Large Capacity Filter/Water Separator
- Waste Removal** Hydraulic Powered Auger
Vibrator – Air Powered
- Frame Configuration** Fifth Wheel Trailer
With Storage Deck
Skid With Auger Discharge
- Paint** Custom Company Color



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