



Engine

Radiator

Impeller

Engine Mount

Belt Driven Leaf Collector Specifications

Cummins B3.3 4 cylinder water cooled diesel engine; 65HP @ 2600 RPM, certified for

Engine is equipped with four 45 degree slant designed engine mounts to elevate vibration.

Interim Tier 4 emissions.

Air Cleaner Dry element with pre-cleaner.

Pressurized, heavy duty. Trash style with 6-blade fan. **Radiator Screen** Constructed of ½" expanded flattened steel with steel mesh. Screen is bottom hinged to

allow for cleaning without powering down the engine.

Engine Controls Mounted in a hinged instrument panel. Gauges include: Tachometer, hour meter, volt me-

ter, fuel gauge and oil pressure gauge. All monitoring gauges have backlighting. Automatic safety shutdown for high temperature or low oil pressure with LED indicator lights. Glow

plug control provided for cold weather start.

Engine Sheet Metal Engine is covered by a custom sheet metal enclosure constructed of 16-gauge steel. The

enclosure has front and rear access doors, which are louvered for proper air circulation. Two doors are provided on top of the enclosure for convenient access to the radiator cap

PTO Heavy duty 13" automotive style PTO and clutch with safety engagement system.

Drive Type 3-groove power band.

One-piece construction, 1/4" formed steel plate, 48" wide x 66" long. **Trailer** 2.5 inch rubber Torflex axle rated at 4,500 pounds with electric brakes. Axle

ST225-75R15 radial tires mounted on steel white spoke rims. Tires

Pintle Hook Heavy duty pintle eye that is height adjustable without the use of tools.

Tow Tongue 89" long x 4" x 4" steel tubing.

Heavy duty top wind jack with steel wheel **Parking Jack**

Trailer Lighting LED type stop and turn signals with turn signal indicators. LED amber flashing light in the

rear

28" diameter with 6 gusseted blades constructed of 3/8" thick abrasive resistant T-1 steel with a Brinell hardness exceeding 400. Each blade is gusseted on the back side and welded to a 1/4" thick backing plate. Impeller blades are flat with serrated tips for increased

wear. Impeller is secured to the shaft via a taper locking bushing. Impeller is secured to

the shaft via a taper lock bushing.

Impeller Bearings Two 2" diameter double roller 4 bolt flange type bearings.

Impeller Shaft 2" diameter precision machined steel.

Blower Housing Outer housing is constructed of 3/16" thick welded steel, front and back plates are 10-gauge steel. A safety kill switch is located on the door to shut down the engine when the door is

disconnected.

Liners Made of 1/4" abrasive resistant steel.

Suction Inlet Located on the curb side and incorporates quick access via removable lock rods.

Intake Hose 16" diameter x 120" long. Heavy duty wire reinforced .060" thick flexible urethane hose. **Exhaust Duct** Constructed of 12 gauge steel and centered directly over the tongue for a balanced unit.

Exhaust Hose 14" diameter x 60" long heavy-duty wire reinforced flexible rubber hose.

Hose Boom Hydraulically controlled with an electric operated hydraulic pump. Boom pivots in a greas-

able tube for effortless movement. Hydraulic cylinder is 1.5" diameter, with a minimum

stroke length of 12 inches.

Boom Controls Push button style switch located on the intake nozzle.

Intake Nozzle 16" diameter nozzle with handle constructed of 12 gauge steel.

Fuel Tank 30 gallon capacity constructed of 1/4" thick polyethylene.

Paint Each part is primed with a rust inhibitor primer and is painted with two coats of automo-

tive quality paint. The parts are then assembled on the unit so that bolts, nuts, cables and

grease fittings are not painted. Color is White.

Optional 90 degree inlet elbow for curbsize pickup

*Specifications subject to change at any time without notice





Hinged instrument panel allows easy access to the instrument wiring. All engine monitoring gauges are backlit for increased visibility.

Hydraulic Hose Boom



Maneuvering the hose boom is almost efforless because the boom is raised and lowered hydraulically using waterproof switches.

Customized Sheet Metal



Customized, modular sheet metal with louvers is provided to protect the engine while allowing access to all the critical maintenance areas.

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800-632-7989