

SCL65TM-14

Self-Contained Vacuum Leaf Collector



*Units are shown for advertising purposes only, NEVER raise hoist without unit being properly attached to the tow vehicle.

- **Cummins Diesel Engine**
65HP Diesel
- **Belt Driven**
prolongs engine and PTO life
- **14 Cubic Yard Box Container**
made of 12 gauge steel
- **Hydraulic Hose Boom**
easier leaf vacuuming
- **28" Diameter Impeller**
Incredible suction



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Self Contained Leaf Collector Basic Specifications

Engine	Cummins B3.3 4 cylinder water cooled diesel engine; 65HP
Air Cleaner	Dry element with pre-cleaner.
Radiator	Pressurized, heavy duty. Trash style with 6-blade fan.
Radiator Screen	Constructed of 1/2" expanded flattened steel with steel mesh. Screen is bottom hinged to allow for cleaning without powering down the engine.
Engine Controls	Mounted in clear view and reachable with ease inside a hinged instrument panel. All gauges and engine wiring are connected to a state-of-the-art circuit board for easier and more reliable connections. Gauges include: Tachometer, hour meter, volt meter, 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.
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 and oil fill cap.
PTO	Heavy duty 13" automotive style PTO.
Drive Type	3-groove Kevlar power band.
Trailer Chassis	Heavy duty channel steel, formed and welded. Chassis is constructed of 3" x 8" tubular steel with a 1/4" wall thickness. 119" high x 101" wide x 190" long
Axles	Dual 3.5 inch Torflex axles rated at 16,000 pounds with electric brakes.
Tires	ST235-85R16 x 16 tires, mounted on steel white spoke rims.
Tow Tongue	Heavy duty 6" x 6" x 1/4" wall thickness with pintle hitch.
Pintle Hook	Heavy duty pintle eye that is height adjustable without the use of tools.
Parking Jack	Heavy duty 12,000 pound static capacity side wind jack with foot.
Trailer Lighting	Stop and turn signals with turn signal indicators are standard. Dual LED strobes are mounted in the rear.
Impeller	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. The impeller is completely stress relieved via Bonal stress relief technology to eliminate weld cracking and weld distortion for the highest structural integrity possible. This makes for the strongest and longest lasting impeller on the market.
Impeller Bearings	Two 2" diameter double roller 4 bolt flange type bearings.
Impeller Shaft	2" diameter.
Blower Housing	Outer housing is constructed of 3/16" thick welded steel, front and back plates are 10-gauge steel. Inspection/clean out door is located on face to facilitate convenient inspection of internal contents or condition. A safety kill switch is located on the door to shut down the engine when the door is opened.
Liners	Slip-in style which requires no bolts. Made of 1/4" abrasive resistant steel.
Suction Inlet	Located on the curb side.
Intake Hose	16" diameter x 100" long. Heavy duty wire reinforced 3/8" thick flexible urethane hose.
Hose Boom	Hydraulically controlled with an electric operated hydraulic pump. Boom pivots in a greasable tube for effortless movement. The boom pivots forward to lock into travel position. Hydraulic cylinder is 1.5" diameter, with a minimum stroke length of 12 inches.
Boom Controls	100% waterproof marine-style switch located on the intake hose nozzle.
Intake Nozzle	16" diameter nozzle with handle constructed of 12 gauge steel.
Hoist Hydraulics	Gear driven hydraulic pump connected directly to the engine. The control valve for the hoist is located in the front of the unit for easy access.
Dumping Hoist	Uses a Crysteel scissor style hoist capable of dumping 32,000 pounds.
Box Container	14 cubic yard capacity self dumping container constructed of 12-gauge steel with vented top and side hinge doors that lock in the open position for dumping.
Top Screens	Two easily removable 1/2" expanded steel mesh screens are located on the top of the box container.
Fuel Tank	20 gallon capacity steel fuel tank.
Paint	All metal parts are thoroughly cleaned, primed, painted and dried before assembly. Each part is primed with a rust inhibitor primer and is painted with two coats of automotive quality paint. The parts are then assembled on the unit so that bolts, nuts, cables and grease fittings are not painted. Color is Big Bad Green.

*Specifications subject to change at any time without notice



Instrument Panel



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

Removable Exhaust Screens



Two removable 1/2" expanded steel screens are located on the top for proper ventilation. The screens are easy to change from the side by removing two bolts.

Side Hinge Rear Doors



There are two rear, side hinged doors which lock easily to the side for dumping. Strong cam-type rods lock the door closed.

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