

# SCL800™

## Self-Contained Leaf Collector



- John Deere Diesel Engine  
84HP turbo diesel
- 4 Box Container Sizes  
14,20,25 and 30 cu. yd. available
- Forward Locking Hose Boom  
easier and safer transportation
- Hydraulic Hose Boom  
easier leaf vacuuming



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

**ODB Company**  
Municipal Products Since 1910



# SCL800™ Self Contained Leaf Collector Basic Specifications

<b>Engine</b>	John Deere 4045T water cooled 4 cylinder turbo diesel engine; 84 HP; 4.5 Liter (276 CID) with wet-sleeve engine liners.
<b>Air Cleaner</b>	Dry element with pre-cleaner.
<b>Radiator</b>	Pressurized, heavy duty, trash style with 6-blade fan.
<b>Radiator Screen</b>	Constructed of ½" expanded flattened steel with steel mesh. Screen is bottom hinged to allow for cleaning without powering down the engine.
<b>Engine Controls</b>	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.
<b>PTO</b>	Heavy duty 13" automotive style PTO and clutch.
<b>Safety Engagement</b>	PTO is equipped with a safety engagement system which prevents abrupt engagement of the PTO at high RPM's.
<b>Drive Type</b>	Direct drive with 2-1/4" drive shaft.
<b>Trailer Chassis</b>	Heavy duty channel steel, formed and welded. Chassis is constructed of 3" x 8" tubular steel with a ¼" wall thickness.

<b>Chassis Dimensions</b>	
<b>14 C.Y.</b>	119" high x 101" wide x 190" long.
<b>20 C.Y.</b>	119" high x 101" wide x 240" long.
<b>25 C.Y.</b>	119" high x 101" wide x 288" long.
<b>30 C.Y.</b>	119" high x 101" wide x 348" long.

<b>Axle(s)</b>	<b>14 CY</b> Dual 3.5 inch Torflex axle rated at 16,000 pounds with electric brakes.
	<b>20 CY</b> Dual 5" axles rated at 20,000 pounds with electric brakes.
	<b>25 &amp; 30 CY</b> Dual 5" axles rated at 24,000 pounds with electric brakes.
<b>Tires</b>	LT 9.50 x 16.5 tires for 20, 25, 30 CY units. LT 235/85R16 tires for the 14 CY.
<b>Tow Tongue</b>	Heavy duty tow bar with pintle eye hitch that is adjustable without tools.
<b>Parking Jack</b>	Heavy duty side wind jack with steel foot.
<b>Trailer Lighting</b>	LED type stop/turn signals as well as clearance lights; rear of unit has 2 oval LED amber strobe lights. Trailer has reflective tape running the length of the unit.

<b>Impeller</b>	32" 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 ¼" 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.
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<b>Blower Housing</b>	Constructed of 10 gauge welded 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.
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<b>Liners</b>	Slip-in style which require no bolts. Made of ¼" abrasive resistant steel.
<b>Suction Inlet</b>	Located on curb side of unit using barrel style inlet which allows the hose to swivel left or right with ease and allows the hose to be locked in the traveling position without opening the housing.

<b>Intake Hose</b>	16" diameter x 100" long. Heavy duty wire reinforced 3/8" thick flexible rubber hose.
<b>Hose Boom</b>	Hydraulically controlled with an electric operated hydraulic pump.
<b>Boom Controls</b>	100% waterproof marine-style switch located on the curb nozzle.
<b>Hoist Hydraulics</b>	Gear driven hydraulic pump connected directly to the engine. Control valve for hoist is located in the front of the unit for easy access.

<b>Dumping Hoist</b>	Uses a Crysteel scissor style hoist capable of dumping 30,400 pounds for the 14CY, 43,000 pounds for the 20 CY and 53,200 pounds for the 25 and 30 CY units.
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<b>Box Container</b>	Self dumping container constructed of 12 gauge steel with vented top and side hinge rear doors that lock in the open position for dumping. Available in 14, 20, 25 and 30 cubic yard capacities.
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<b>Vented Top Screens</b>	Easily removable ½" expanded steel mesh screens are located on the top of the box container.
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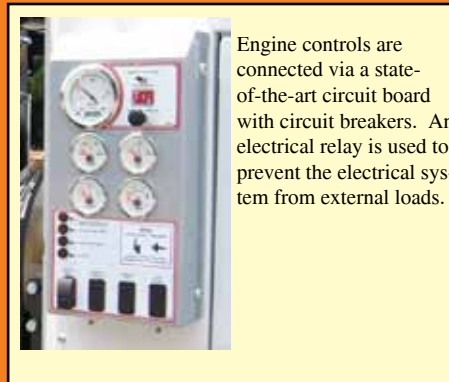
<b>Fuel Tank</b>	44 gallon capacity fuel tank manufactured of ¼" thick roto-molded polyethylene.
<b>Empty Weight</b>	14 CY-8,200 pounds; 20CY-10,600 pounds; 25 CY-11,300 pounds, 30CY-12,300 pounds.
<b>Paint</b>	All metal parts are thoroughly cleaned, primed, painted and dried separately. Each part is 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.

<b>Options</b>	<ul style="list-style-type: none"> <li>● Hydraulic parking jack</li> <li>● Belt Drive</li> <li>● Remote electric engine throttle with controls on the suction hose handle</li> <li>● Fluid drive coupler in lieu of clutch and PTO</li> <li>● 2 axis hydraulic hose boom</li> <li>● 3 axis hydraulic hose boom</li> <li>● Single top hinge door</li> </ul>	<ul style="list-style-type: none"> <li>● Air Scoop</li> <li>● Bottom Exhaust</li> </ul>
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\*Specifications subject to change at any time without notice



The top of the box container has easily removable 1/2" expanded steel mesh screens with an additional 1/8" metal screening on the inside of the box for proper ventilation. The screens slide into a channel and bolt into place for easy removal.



Engine controls are connected via a state-of-the-art circuit board with circuit breakers. An electrical relay is used to prevent the electrical system from external loads.



All SCL800™'s come with dual axle configurations for better turning radiuses.



Hydraulic hose boom is standard and maneuvering the the hose is almost effortless because the hose is raised and lowered hydraulically and swivels side to side on flange bearings.

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