

SCL800TM-Belt Drive Self-Contained Leaf Collector

Belt Driven Components

- 4-Groove Power Band
- Easy Belt Adjustment
- Simple Belt Replacement
- 2-1/4" Heavy Duty Flange Bearings



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

Belt Driven Units greatly reduce wear and tear on the PTO and clutch which increases the life of the power unit.



The power band, pulleys and bearings are accessible by 2 access doors. There is a door in the front and in the rear that open and close using overcenter latches. This allows inspections, service and maintenance to be performed quickly and easily.



ODB Company
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SCL800TM-BELT DRIVE GENERAL SPECIFICATIONS

| | |
|---------------------------|---|
| Engine | John Deere 4045T water cooled turbo diesel engine; 84 HP; 276 CID. |
| Air Cleaner | Dry element with pre-cleaner. |
| Radiator | Pressurized, heavy duty. |
| Radiator Screen | Constructed of 1/2" expanded flattened steel with steel mesh. Screen is 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 and oil pressure gauge. Automatic safety shutdown for high temperature or low oil pressure. |
| PTO | Heavy duty 13" automotive style PTO and clutch. |
| Safety Engagement | PTO is equipped with a safety engagement system which prevents abrupt engagement of the PTO at high RPM's. |
| Drive Type | Belt drive with 4 -groove power band and 2-1/4" Heavy duty flange bearings. |
| Trailer Chassis | Heavy duty channel steel, formed and welded. Chassis is constructed of 3" x 8" tubular steel with a 1/4" wall thickness. |
| Chassis Dimensions | |
| 14 C.Y. | 119" high x 101" wide x 190" long. |
| 20 C.Y. | 119" high x 101" wide x 240" long. |
| 25 C.Y. | 119" high x 101" wide x 288" long. |
| 30 C.Y. | 119" high x 101" wide x 348" long. |
| Axle(s) | |
| 14 CY | Dual 3.5 inch Torflex axle rated at 16,000 pounds with electric brakes. |
| 20 CY | Dual 5" axles rated at 20,000 pounds with electric brakes. |
| 25 & 30 CY | Dual 5" axles rated at 24,000 pounds with electric brakes. |
| Tires | LT 9.50 x 16.5 tires for 20, 25, 30 units. LT 235/80R16 tires for the 14 CY. |
| Tow Tongue | Heavy duty tow bar with pintle eye hitch. |
| Parking Jack | Heavy duty side wind jack with steel foot. |
| Trailer Lighting | Stop and turn signals with turn signal indicators are standard. LED strobe lights located in the rear of the unit. |
| Impeller | 32" diameter with 6 gusseted blades which are constructed of abrasive resistant T-1 steel with a Brinell hardness exceeding 400. |
| Impeller Shaft | 2.25" diameter. |
| Blower Housing | 40 degree exhaust. 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. |
| Liners | Slip-in style which require no bolts. Made of 1/4" abrasive resistant steel. |
| Suction Inlet | 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. |
| CFM | 22,000 |
| Intake Hose | 16" diameter x 100" long. Heavy duty wire reinforced 3/8" thick flexible rubber hose. |
| Hose Boom | Hydraulically controlled with an electric operated hydraulic pump. |
| Boom Controls | 100% waterproof marine-style switch located on the curb nozzle. |
| Hoist Hydraulics | Gear driven hydraulic pump connected directly to the engine. Control valve for hoist is located in the front of the unit for easy access. |
| Dumping Hoist | Uses a Crysteel scissor style hoist capable of dumping 31,200 pounds for the 14CY, 50,000 pounds for the 20 CY and 53,200 pounds for the 25 and 30 CY units. |
| Box Container | 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. |
| Vented Top Screens | Easily removable 1/2" expanded steel mesh screens are located on the top of the box container. |
| Fuel Tank | 45 gallon capacity fuel tank manufactured of 1/4" thick roto-molded polyethylene. |
| Empty Weight | 14 CY-8,100 pounds; 20CY-8,900 pounds; 25 CY-9,900 pounds, 30CY-10,400 pounds. |
| Gross Weight | 14CY - 16,000 pounds; 20 CY-20,000 pounds; 25 and 30CY- 24,000 pounds. |
| Paint | 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. |

*Specifications subject to change at any time without notice



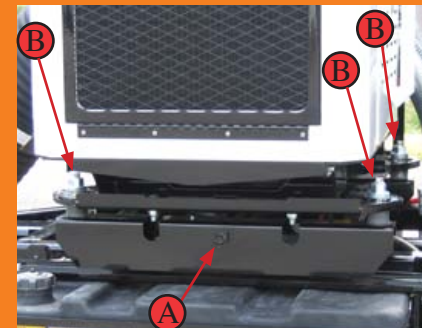
The top of the box container has easily removable 1/2" expanded steel mesh screens with an additional 1/8" metal screening on the inside of the box for proper ventilation. The screens slide into a channel and bolt into place for easy removal.



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 SCL800TM's come with dual axle configurations for better turning radiuses.



Easy belt adjustment by turning lifting cam (Item A) to lift the engine to remove the belt. Quick and simple belt adjustment by adjusting the 4 engine adjustment bolts (Item B) located at the corners of the engine base assembly.

Sold By:

Manufactured by:

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