



Walkaround Outline for the ODB DCL800SM

The Most Proven Debris & Leaf Collection Truck System



▪ Single-Person Operation

- ✓ Reduced Labor Costs & Management
- ✓ One DCL800SM can do the work of 3 tow-behinds with 6-9 workers

▪ In-Cabin Controls

- ✓ Optimal Safety
- ✓ Reduced Worker Fatigue

▪ High Performance, High-Capacity, High Compaction

- ✓ More Power to the Impeller per HP
- ✓ High Vacuum, Rapid Collection
- ✓ More Curb Miles in Less Time & Trips
- ✓ 14, 20, 25, or 30 cubic yard options

▪ Dual Steering Control – Standard

▪ Patented ECO-MODE™ Available

- ✓ 35% Reduced Fuel Consumption

ECO-MODE™
AVAILABLE

SPECIFICATIONS: DCL800SM

Chassis

- Dual steering controls - Standard
- FL M2 106 chassis 33,000 GVW 30YD 35,000GVW
- Engine forward less particulate matter buildup
- Cummins 6.7L 260 HP 660 LB-FT @1600 RPM
- Turbo Diesel 18.7 CFM Compressor
- Block heater Phillips 1000 W / 115 Volt
- Allison 2500 Auto transmission
- Detroit Fuel / Water separator w/heater
- Dual premium high back air suspension seats w integrated lumbar support, adjustable shock absorber
- 14,600# Front leaf suspension
- 21,000# Rear axle
- Michelin XZE2 11R22.5 14 PLY Radial Front tires
- Michelin X 11R22.5 14 PLY Radial Rear tires
- A/C, Power windows, AM/FM Radio

Auxiliary Engine

- Kubota 3.8L 87HP Gas engine standard
- 74 HP John Deere Tier 4 - Option
- Patented ECO-MODE™ system controls which reduces fuel consumption upwards of 35% (~3.1 fewer gal/hr, 15-18 less gallons per day), noise (50%), dust (40%), and wear & tear
- Radiator air screen pleated and boxed protective, with tool free access
- Fuel tank 40 Gallon polyethylene

Engine/Vacuum System Skid

- Tab and Slot construction throughout
- All metal laser-cut for precision

Boom/Hose

- Single Axis: Nozzle mounted hydraulic controls
- Power-up and flow-controlled gravity down
- Nozzle mounted hydraulic controls
- 2 and 3-axis available
- Remote control available for 2 and 3-axis
- Clearly-Safe™ 68"+ Mailbox avoidable design
- Hydraulic powered 12V system
- 16"x120" HD flexible rubber hose w/steel nozzle
- Option: Urethane vacuum hose w/steel nozzle

Clutch

- PTO engage / disengage
- Automotive style 13"
- 2.25" shaft
- Belt drive reduces shock and vibration
- Easily adjustable

Hoist

- 16,000 LB single cylinder
- Welded into frame

SPECIFICATIONS: DCL800SM (continued)

Fan / Impeller

- 28" fan standard - 30% Compaction
- Option: 30" Fan - 25% Compaction
- Option: SHRED-MASTER™ Fan – 40+% Compaction
- Self-clearing
- Scalloped design reduces decibel level
- Back plate protects bearings and shaft
- Fans are robotically welded, stress relieved and statically and dynamically balanced
- AR400 material

Fan Bearings

- Proprietary Quad-Glide™ sealed bearings
- Designed in partnership with Timken engineering
- Grease zerks located outside housing with high pressure feed lines

Fan Housing

- Robotically welded
- Clearly-Safe™ 68" high cleanout door accessibility
- Cleanout door is safety interlocked
- Replaceable ¼" steel liners

Active Dust Control

- Bottom exhaust vents top-down street side
- Reduced velocity of air speed
- Shut off for dump mode
- Drives a 4 groove power band

Rear Door

- Single operator controlled, w/In-cab dump control
- Top hinge door
- Chipper door option
- Back up camera
- Pintle hitch
- Gear driven pump
- 15.2 Ton hydraulic hoist
- Dump angle 52 degrees
- High door clearance 18" at full dump
- Disengage fan for easier door latching
- Higher RPM faster dumping w/o fan
- Heavy duty bumper
- LED type DOT w/two amber flashers

Hopper Construction

- Heavy duty 11-gauge steel
- Integrated floor drainage system
- Regular perforated steel with mesh overlay vents
- Perforated stainless steel vents - Option
- Paint Standard white custom available