

**Sanitary
Equipment
Co., Inc.**

SALES PARTS SERVICE

DO IT RIGHT THE FIRST TIME

Committed to delivering equipment
that meets immediate needs
and exceeds expectations
for years to come.

INDUSTRY LEADING EQUIPMENT



SHOP OEM PARTS AT SANITARYEQUIPMENT.COM

25 Industry Dr
West Haven, CT 06516
(203) 933-9599

1140 Turnpike St., Unit 3&4
Stoughton, MA 02072
(855) 373-7324



GETTING MORE DONE™, Efficiently!



GETTING MORE DONE™, Efficiently!



GETTING MORE DONE™, Efficiently!



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

DATA SHEET: DCL800SM – Unique Value-Added Features

Self-Contained Chassis Mounted Debris & Leaf Collection Loader DCL800SM

ODB continues to be the performance and quality leader due to their uncompromising high standards in materials and construction, and in their industry-leading innovations. Today's DCL800SM is the culmination of 20 years of continuous improvement on chassis-mounted system that's based on real world feedback from customers, dealers and relentless testing. ODB always takes the extra steps in engineering, design and materials to ensure their leaf & debris collection equipment are the...



- Safest
- Most Functional
- Easiest to Use
- Easiest and Fastest to Maintain
- Most Cost-Effective with the Lowest Cost of Operation and Ownership
- Most Efficient (see more information below on ODB's patented ECO-MODE™ system.)

PATENTED
ECO-MODE™

Feature	ODB DCL800SM FEATURE DESCRIPTION & COMPARATIVE INFO
1. Chassis and Cab	Class 6-7 Chassis – with Dual Steering Control, Standard • Dual steering control enables optimal operation with a single employee, lowering collection costs and reducing labor requirements. • The spacious interior allows for a curbside positioned armrest were ODB installs the joystick for the collection boom control. This provides the optimal user ergonomics. <i>(A-pillar mounted joysticks, typical in smaller cabs, are cumbersome and can lead to operator fatigue. This configuration also decreases visibility when in the stowed position.)</i>
2. Collection Boom & Swing Controller	3 Axis, In-Cabin Boom Motion Control with Proportional Hydraulics • Engineered for Single Person Operation • ODB's cabin-controlled boom, with up/down, left/right, and in/out action, with 13-foot reach. • ODB's boom controlled with a wheel-type planetary reducer that is a proven solution for high frequency, low backlash movement. • Proportional control provides operational stability, significantly reducing stress associated with torque and inertia stresses, increasing the service life and reliability of the mechanism. • Easier to use ensuring a single operator can complete their job quickly, and most importantly, safely. • Load sensing safety reliefs delivering smooth operation and easier handling.
3. Collection System Engine	74 HP John Deere Diesel Engine (Final T4) • With decades of heavy-duty service, ODB has found John Deere diesel engines to deliver the most efficient and reliable operation available, as well as providing the most extensive service network. • ODB also offers the Kubota 3.8L, 87 HP as a gasoline option.
4. Operating Efficiency Upgrades	ODB's Patented ECO-MODE™ High Efficiency Automated Throttle System w/Leaf-Sense™ ECO-MODE™ automatically engages when the boom is not in collection mode, reducing engine speed to 1,200 RPM, significantly reducing fuel consumption. • Research shows that max auxiliary engine RPMs are required only 30% of the work shift. • Fuel Consumption reduced 60-70% • 3.1 fewer gal/hr. At \$4.89/gal, \$15.16/hr saved. ROI on ECO-MODE™ option is in about 7-8 days. • \$1,500 to \$2,500 saved per month. • Increases operating runtime capacity by up to 208%. • Dust reduced 50% when engaged. - Noise reduced 40% when engaged.
5. Auxiliary Engine Radiator Air Screen	ODB's Exclusive Cool-Flow™ Pleated & Boxed Protective Radiator Air Screen • ODB's Cool-Flow™ pleated & boxed perforated steel protective screen design effectively keeps unwanted debris out of the radiator, optimizing air flow and ensuring consistent cooling. • Tool-free service access is fast and easy with ODB's quick release clamp and hinge design.

an
ODB
EXCLUSIVE

an
ODB
EXCLUSIVE

6. Fan PTO Clutch Coupling	In-Cab Remote Controlled Electric Automotive Style PTO Clutch with Belt-Drive. (Standard) ODB's belt-driven PTO clutch coupling was designed to be for safer, more efficient single operator operation, ease of maintenance and overall system reliability. • ODB's fan clutch coupling system comes standard with in-cabin remote control. • In-cabin control allows the operator to safely remain in the cab and out of the elements when engaging the fan system, and to dump without blowing air and material into the environment. • The heavy-duty automotive style clutch with belt-drive allows the variable control of fan engagement. • Belt-driven systems reduce the stress on the engine bell housing and crank shaft, increasing the life of the auxiliary engine. • Belt-driven systems are also very easy and quick to adjust.
7. Active Dust Control	ODB's In-Box Downdraft Street Side Low Bottom Exhaust w/Perforated Screens • Virtually eliminates visible debris exiting the hopper. • Narrower box width allows for easier access into tight areas w/improved safety margin when driving. (90" vs 102"). • The box exhaust is on the street side of the unit, at a low position below the floor of the debris collector body. This reduces the dust cloud dispersion near the operator and parked cars. This also prevents the dust from exiting at a height that could circulate back to the auxiliary engine radiator. • ODB's heavy gauge perforated screens are robust and can be expected to last the life of the system, never requiring maintenance or replacement (<i>unlike expanded metal and mesh screen designs</i>).
8. Collection Boom Hose Configuration	16" x 144" Urethane Vacuum Hose with Clearly-Safe™ Elevated Reach (68") • ODB has engineered the DCL800SM to incorporate the Clearly-Safe™ elevated hose mounting system, highest available at 68" from the bottom of the hose to the ground. • At 13-feet, the ODB DCL800SM has the longest standard reach. • This system enables the operator to go over and around mailboxes and other roadside obstacles, improving collection rates, thoroughness and safety, and reduces damage claims (<i>and the associated hassles!</i>)
9. Fan Design 	High-Volume Shred-Master™ Fan/Impeller with ODB's integrated backplate • ODB's 28" Shred-Master™ shredder fan option increases compaction 60% more than a 30" traditional fan. • ODB's integrated back shielding plate protects the rear fan housing from unnecessary wear, preventing premature maintenance and shields the bearings from excess debris. • The ODB fan design is "self-clearing" optimizing fan capacity and efficiency. • ODB fans are constructed using robotic welding with heavy gauge AR 400, which provides the optimal balance between hardness and impact strength, ensuring reliable service life under unpredictably harsh conditions. • ODB's fans are stress relieved and dynamically balanced.
10. Fan Bearings	ODB's Proprietary Quad-Glide™ Quad Sealed Bearing System • ODB has worked for years continually improving bearing robustness and reliability. • The Quad-Glide™ bearing system was designed in collaboration with TIMKEN's® engineering & development team specifically for this harsh application.
11. Hopper Construction	Heavy Duty 11 Gauge Steel (vs 12 gauge) • Integrated floor drainage system to minimize water retention and reduce weight. • Hopper width: 87" (7.25') is narrowest in Class for easier access to tight areas. • Perforated steel vented top for proper air flow and minimal dust.



ODB's Hook Lift Chassis



**Sanitary
Equipment
Co., Inc.**

SALES PARTS SERVICE

DO IT RIGHT THE FIRST TIME

Committed to delivering equipment
that meets immediate needs
and exceeds expectations
for years to come.

INDUSTRY LEADING EQUIPMENT



SHOP OEM PARTS AT SANITARYEQUIPMENT.COM

25 Industry Dr
West Haven, CT 06516
(203) 933-9599

1140 Turnpike St., Unit 3&4
Stoughton, MA 02072
(855) 373-7324