



Walkaround Outline for the ODB DCL800SMHL The Most Versatile Trailer Mounted Self-Contained Debris & Leaf Collection System



■ One Chassis, Multiple Uses

- ✓ Every Season Functionality
- ✓ Numerous Uses

■ Single-Person Operation

- ✓ Reduced Labor Costs & Management

■ Faster Debris & Leaf Collection

- ✓ Higher Productivity
- ✓ Happier Citizens

■ In-Cabin Controls

- ✓ Optimal Safety
- ✓ Reduced Worker Fatigue

■ Patented ECO-MODE™

- ✓ 35% Reduced Fuel Consumption

ECO-MODE™
AVAILABLE

SPECIFICATIONS: DCL800SMHL

Hook Lift

- Palfinger T29
- 29,000 LB capacity
- Telescopic Jib
- 50 degrees max dump angle
- Dual pivot
- Dual lift and dump cylinders
- High pressure hydraulics 3600 – 4500 psi
- Bronze bushings at all pivot joints
- 3-year warranty

(NOTE: Customer may specify other hooklift systems)

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, adj. 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

(NOTE: Customer may specify their own chassis)

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 2-3 axis
- Clearly-Safe™ 68"+, Mailbox avoidable design
- Hydraulic powered 12V system
- 16"x120" HD flexible rubber hose w/steel nozzle

Hoist

- 16,000 LB single cylinder
- Welded into frame

SPECIFICATIONS: DCL800SMHL (continued)

Clutch

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

Fan / Impeller

- In-cab Control
- PTO engage / disengage
- 28" fan standard - 30% Compaction
- Option: 30" Fan - 25% Compaction
- Option: SHREDMASTER™ Fan – 40% Compaction
- Scalloped design reduces decibel level
- Back plate protects bearings and shaft
- Self-clearing
- AR400 material
- Fans are robotically welded, stress relieved and statically and dynamically balanced

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

Rear Door

- Single Operator Control, w/In-cab dump control
- Top hinge door
- Option: Chipper door
- Back up camera
- Gear driven pump
- 15.2 Ton hydraulic hoist
- High door clearance 18" at full dump, 50 degrees
- Disengage fan for easier door latching
- Higher RPM faster dumping w/o fan
- 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