

**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



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

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



The Single-Engine DCL1000SE



DCL1000SE Single Engine

PATENT PENDING



The Most Powerful & Efficient Debris & Leaf Collection System

- **Single Engine Power Chassis and Collection system w/the proven Marmon-Herrington VPD (Variable Power Divider)**
 - ✓ Only 14 vs 36 Collection System Maintenance Checkpoints
 - ✓ Lower Fuel & Maintenance Costs
 - ✓ Lower Emissions
- **150 Horsepower at the 32" Fan**
 - ✓ Unsurpassed Suction & Collection Speed
- **Narrow 102" Overall Width**
 - ✓ Access & Maneuverability
 - ✓ No Oversize Permit Required
 - ✓ Reduced Liability
- **Single-Person Operation**
 - ✓ Reduced Labor Costs
- **In-Cabin Controls**
 - ✓ Optimal Safety
 - ✓ Reduced Worker Fatigue
- **Patented **ECO-MODE** - Standard**
 - ✓ 35% Reduced Fuel Consumption
- **5000 LBS Lighter**
 - ✓ Greater Payload Capacity
- **Lowest Exit Bottom Exhaust - Standard**
 - ✓ Minimal Dust Cloud Dispersion and Visibility
- **Switch in-and-out of work mode within 1 second**



DCL1000SE Maintenance Comparison

Dual Engine: 36 Total Maintenance Points - 2.6 times more requirements

Dual Engine (26)

Aux Fuel, oil and coolant
Clean Radiator Screen
Clean pre-cleaner
Check air filter for dirt and debris
Change engine oil
Clean and check battery connections
Check power band tension
Check power band condition
Check clutch and PTO linkage adjustment
Replace oil filter
Replace air filter
Change engine coolant
Check fuel tank for leaks
Check fuel filter
Clean crankcase vent tube
Replace crankcase vent filter
Replace fuel filter element
Service air intake system
Replace alternator
Replace starter
Replace starter solenoid
Replace water pump
Replace serpentine belt
Replace injectors
Replace turbo charger
Replace exhaust



ODB's Single-Engine: Only 14 Total Maintenance Points

Both Single/Dual Engine (10)

Check for hydraulic leaks
Lubricate Impeller shaft flange bearings
Check impeller for damage, cracks or wear
Check blower housing liners for cracks or wear
Check hoist hydraulic fluid and filter
Change boom hydraulic fluid
Inspect intake and exhaust hoses for damage
Check exhaust duct gasket for wear
Inspect radiator and hoses
Lubricate hoist and hinge fittings

DCL1000SE Single-Engine (4)

Check VPD Oil Level (Daily)
Inspect and clean VPD oil cooler, breather, fan (250 Hours)
Replace charge pump, pressure and return filter (Annual)
Change VPD Oil and Filter (1,000 Hours)



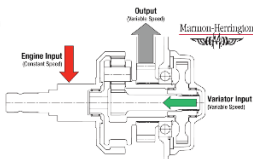
SPECIFICATIONS: DCL1000SE

Chassis

- Freightliner M2 106 Chassis 33,000 GVWR
- Engine forward for less particulate matter build up
- Cummins 6.7L 240 HP 660 LB-FT @1600 RPM
- Turbo Diesel 18.7 CFM Compressor
- Allison 2500, w/ Marmon Herrington VPD
- 11,000 lb. FAWR, 22,000 lb. RAWR
- 70 Gallon Fuel Tank
- Block heater Phillips 1000 W / 115 Volt
- Detroit Fuel / Water separator w/heater
- Dual steering controls - Standard
- Dual premium high back air suspension seats w integrated lumbar support, adj shock absorber
- A/C, Power windows, AM/FM Radio

Variable Power Divider (VPD)

- Marmon-Herrington VPD
- In Highway mode, trucks throttle pedal response is identical to standard truck.
- In Work mode, engine RPM is increased to 2,000. Throttle pedal response "feels" the same for travel speed.
- Switch into and out of work mode within 1 second
- PTO spins drive shaft to power hydraulic pumps for fan and boom.

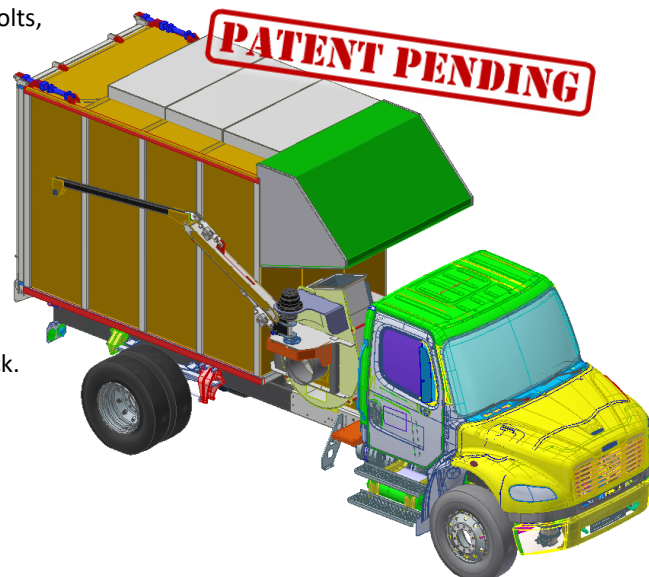


Hydraulic System

- Variable Displacement 100cc hydraulic pump is driven by VPD PTO output
- Fixed displacement gear pump powers boom, dump and door latch
- Hydraulic charge filter, return filter and pressure filter (annual service)
- Pressure compensated proportional hydraulic control valve with manual overrides
- System diagnostics for filter replacement, hydraulic pressure, and temperature.

Fan and Blower Design

- 150 Horsepower Self-clearing fan
- 32" Fan can spin to 2800 RPM within seconds for quick operator response
- Boom, hose and blower all swing out after removal of jack bolt and four restraint bolts, quicker service
- Fans are robotically welded, stress relieved and dynamically balanced
- Back plate protects bearings and shaft
- Inspection door with engine interlock.
- AR400 material



Boom/Hose

- 3-axis, in-cab motion control
- Hydraulically powered boom
- Clearly-Safe™ 62"+, Mailbox avoidable design
- 16"x144" Urethane hose w/steel nozzle

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