

Walk-around Outline ODB DCL500SM16

CDL-EXEMPT

*The Most Flexible Truck-Mounted
Debris Collection System*



■ Non-CDL

✓ *Labor Resource Flexibility*

■ Single-Person Operation

✓ *Reduced Labor Costs & Management*

■ In-Cabin Controls

✓ *Optimal Safety*

■ Patented **ECO-MODE™**

✓ *35% Reduced Fuel Consumption*

✓ *Standard*

■ Overall Width: <102"

✓ *Maneuverability in Tight Areas*

✓ *Reduced Liability*

■ Dual Steering Control - Standard

SPECIFICATIONS: DCL500SM16

Chassis

- ISUZU NRR
- 215 HP 5.2L I4 Turbocharged Diesel Engine
- 6 Speed automatic transmission
- 30 gallon in-frame fuel tank
- Standard 2" Hitch Receiver
- LED type DOT compliant lighting
- 19,500 lbs GVWR, 25,500 GCWR
- 8,440# front leaf suspension
- 14,550# rear leaf suspension
- Extended 5-year/200,000 mile warranty

Tires

- 225/70R19.5F 12 ply tubeless radial
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Auxiliary engine

- Water cooled Kubota 24HP Diesel engine
- In-cab remote throttle, 2-speed electronic
- Pull-out radiator screen
- 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
- 12-gallon poly fuel tank

Engine/Vacuum System Skid

- Engine exhausts through the floor of the skid
- Skid ladder and handrail
- Diamond plate catwalk
- Tab and Slot construction throughout
- All metal laser-cut for precision

Boom/Hose

- Single Operator, In-cab controls
- 3-axis Standard with wheel type planetary gearbox with gear motor
- Aux engine powered pump
- 12" Urethane Vacuum Hose
- Steel nozzle with replaceable tip
- Boom rest on chassis

Hydraulics

- Proportional
- Boom pump powered by aux engine
- Dump pump powered by truck battery
- Outside cab dump control valve

SPECIFICATIONS: DCL500SM16 (continued)

Fan / Impeller

- 20" fan standard
- Option: Shred Master™ Fan – high compaction, high capacity
- Direct belt drive
- 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 housing

- Hinges open with 3-axis boom
- Cleanout door is safety interlocked
- Replaceable ¼" steel liners
- Robotically welded

Fan Bearings

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

Rear Door

- Manually operated street side hinge door
- Chipper door option
- Backup camera
- Gear driven electric pump
- Dump angle 52 degrees
- LED type DOT amber flashers
- Cab controlled LED directional light bar option

Hopper Construction

- Heavy duty 11-gauge steel
- 83.6" hopper width
- Integrated floor drainage system
- Perforated stainless steel vents
- Regular perforated steel with mesh overlay vents
- Paint Standard white, custom available
- 16 cubic yard capacity

Hoist

- 14,000 LB single cylinder
- Welded into frame