# SPECIFICATIONS

AMate

#### **BLOWER**

- Drive Closed Loop Hydrostatic
- Speed 0-3000 RPM
- Fan Rating 33,600 CFM (951 m<sup>3</sup>/min.)
- Fan Vacuum 0-50 in H2O (250 1270 mm H2O)
- Fan Construction ASTM A572 Grade 50 Steel
- Fan Housing 25 in. (6.35mm) 30 KSI Steel

#### **DEBRIS TANK**

- Volumetric Capacity 10, 13 or 16 yds<sup>3</sup> (7.6, 9.9 or 12.2m<sup>3</sup>)
- Floor Angle 0°
- Dump Angle 50°
- Sides Flared to rear for clean-out
- Construction 11 gauge (3 mm) ASTM A572 Grade 50 Steel
- Lifting Double-acting hydraulic cylinder with load-holding valves
- Tailgate Hydraulic open/close, lock/unlock
- Full Load Indicator Optional weightactivated with in-cab warning light
- Hopper Screens Quick-release steel construction
- **Debris Body Safety Prop** Dual Props on hoist frame located by nozzle intakes
- Tailgate Safety Prop Located outside beside the tailgate
- Body Dumping Controls Wired pendant and in-cab controls with up/down variablespeed and emergency stop
- In-Cab Dumping Controls Standard

# SPRAY WATER SYSTEM

- Water Tank Construction Dual polyethylene
- Water System Capacity 350 gal. (1135 L) standard
- **Pump Type** Hydraulically powered centrifugal pump
- System Flow 0-140 GPM (0-530 LPM) variable speed
- · System Pressure 0-130 PSI (0-9 BAR)
- **Spray Wand** With ball valve and 25 ft. (7.6m) hose
- Controls Wired pendant and in-cab controls with on/off variable speed
- Filter 200 mesh, cleanable
- · Anti-Siphon Fill Standard
- · Hydrant Fill Hose 25 ft. (7.6 m) with coupling

#### **ELECTRICAL SYSTEM**

- Lights Rear clearance, rear identification.
- Reversing Safety Electric back-up alarm Wiring Harnesses - Color-coded function, stamped and labeled every 3 in. (75 mm)
- LED Clearance Lighting Standard

### **REAR VACUUM HOSE**

- Hose Connection Swivel clamps
- Hose Construction Flexible rubber, steel reinforced
- Hose 8in. (203mm) Standard, Optional 12 in. (305 mm) inside diameter; 100 in. (2540 mm) long

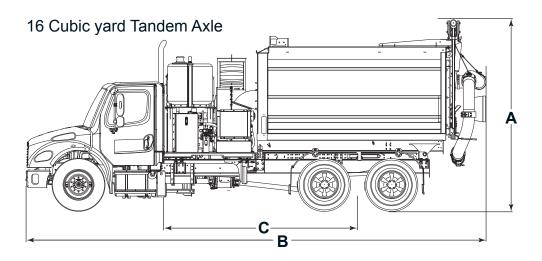
## HYDRAULIC SYSTEM

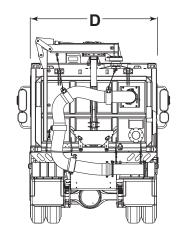
VACALL

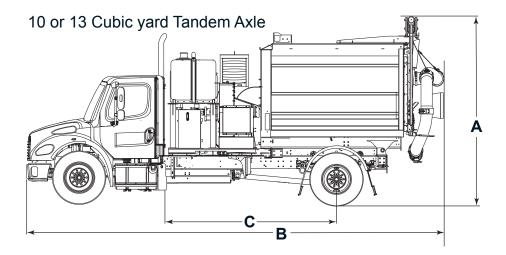
- Implement Pump Open loop piston pump, direct gear-driven. Powers water pump, debris tank, tailgate functions and optional boom
- Propel Pump Closed-loop piston pump, direct gear-driven. Propels truck while vacuuming
- Fan Pump Closed loop piston pump, direct gear-driven. Powers fan
- Reservoir Capacity 70 gal. (265 L)
- Filter 6 micron spin-on type with in-cab restriction indicator

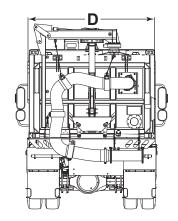
#### **OPTIONS**

- Auxiliary Hydraulic System Provides emergency operation of debris body dumping controls
- Stainless Steel Hopper Screens Includes stainless steel screen tracks
- **Body Vibrator** Controlled from wire pendant and in-cab controls with on/off, (controlled from optional additional wireless pendant)
- Debris Body Cor-Ten steel construction and/or interior powder coat paint
- LED Strobe Lights
- Rear Work Lights
- Rear Boom Twin Beacon Lights
- Rear Jetting Hose Reel
- Tool Boxes
- Receptacle and hand-held Spot Light
- Water Tanks 350, 420 and 600 gallon (1325, 1590 and 3371 L)
- Wireless Pendant Installed in addition to wire pendant. All of the following with speed ontrol: debris body raise/lower, tailgate lock/ unlock, tailgate raise/lower, fan on/off, water pump on/off and rear boom









| DIMENSIONS           | MACHINE MODEL NUMBERS |                |                |
|----------------------|-----------------------|----------------|----------------|
|                      | AC10                  | AC13           | AC16*          |
| A. Overall Height    | 11' 6", (3.5m)        | 12' 5", (3.7m) | 12' 7", (3.9m) |
| B. Overall Length    | 27' 3", (8.3m)        | 27' 3", (8.3m) | 29' 0", (8.8m) |
| C. Clear CA Required | 135", (3.4m)          | 135", (3.4m)   | 152", (3.9m)   |
| D. Overall Width     | 8' 4", (2.5m)         | 8' 4", (2.5m)  | 8' 4", (2.5m)  |

NOTE: All dimensions shown are applicable to Freightliner M2-106 Chassis only. \* Dual Axle Required.

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