

VACALL™

AllCatch



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SPECIFICATIONS

BLOWER

- **Drive** - Closed Loop Hydrostatic
- **Speed** - 0-3000 RPM
- **Fan Rating** - 33,600 CFM (951 m³/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 yds³ (7.6, 9.9 or 12.2m³)
- **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 weight-activated 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 variable-speed 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

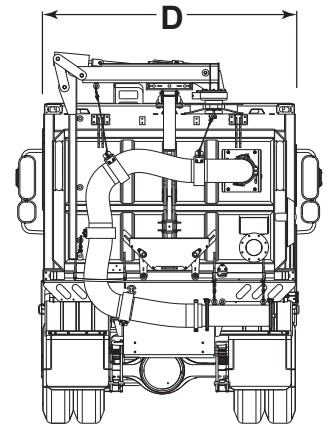
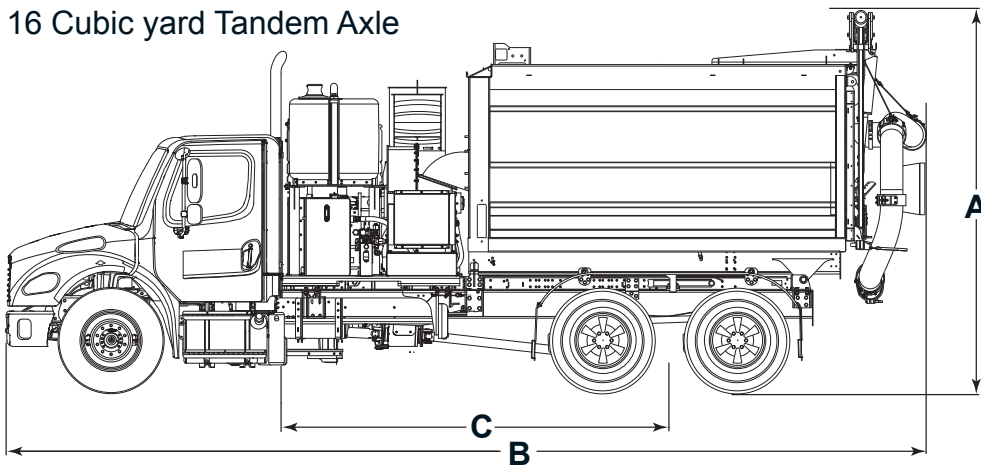
HYDRAULIC SYSTEM

- **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

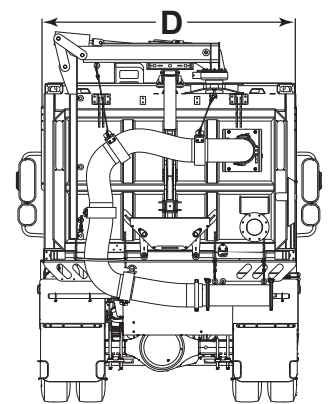
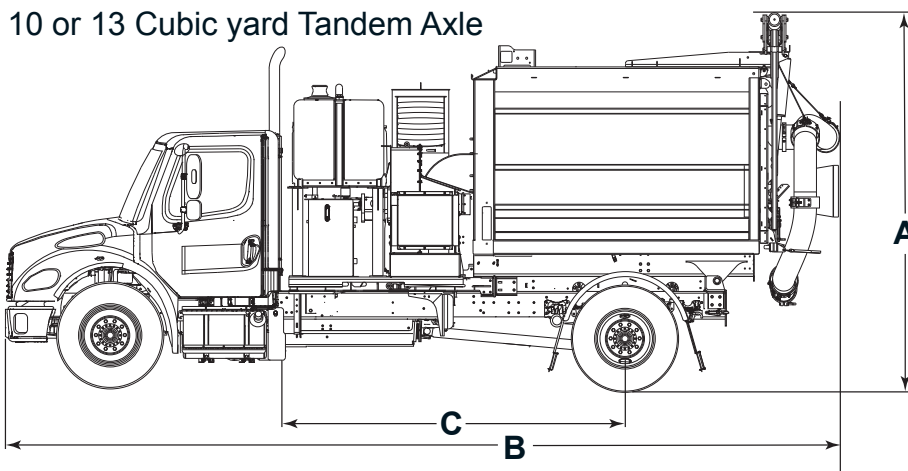
OPTIONS

- **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 control: debris body raise/lower, tailgate lock/unlock, tailgate raise/lower, fan on/off, water pump on/off and rear boom

16 Cubic yard Tandem Axle



10 or 13 Cubic yard Tandem Axle



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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Vacall machines are designed and manufactured by Gradall Industries LLC, a world leader in the production of versatile, reliable maintenance machines. It is our policy to continually improve our products. Therefore, designs, materials and specifications are subject to change without notice and without incurring any liability on units already sold. NOTE: some options shown in pictures.



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