

# FLORIDA SHERIFFS ASSOCIATION BID FSA20-EQU18.0 ITEM #369 COMBINATION SEWER CLEANING/VACUUMING MACHINE

AJV1010 - Base Machine VA1108 - Sewer Hose VA1015 - Float Level Indicator HPWAT B - 2500 PSI Water Pump POWMD C - Hydrostatic Drive Water Pump to 100GPM WATTK D - Water Tank Site Gauge HOSRL A - Auto Level Wind Gauge HOSRL K - Hose Reel Tensioner DECTNK H - 6" Drain Valve DECTNK H - 6" Drain Valve DECTNK N - Decant Port Screen VACSYS G - 4" Vacuum Relief Valve OPCON AF - Reel Shift for Transfer Case

# **Model Options**

Chassis	
Chassis	Customer Supplied Chassis (Easters Chassis Dues Chause D. 10)
	Customer Supplied Chassis (Factory Chassis Prep Charge Req'D.)
	Customer Supplied Chassis (Prep Charge Req'D For Used Or Reburbished Chassis
	Electric Back Up Alarm
	Factory Mounting Tandem Axle
	Factory Mounting Tridem Axle
	Fenders
	Mud Flaps Behind Rear Tires
	Rear Dot Under Ride Protection (Bumper)
	Skid Mount Ship Prep Charge Tow Hooks - Front
	Tow Hooks - Rear
	Vacall Supplied Chassis
Paint	vacali Supplieu Chassis
Paint	Air/Water Separator Exterior And Interior Powder Coated Black
	Air/Water Separator Exterior Only Powder Coated Black
	Air/Water Separator Galvanized
	Debris Tank Exterior And Interior Powder Coated
	Debris Tank Exterior Only Powder Coated
	Debris Tank Galvanized
SELECT PAINT	Please Select A Paint Color
	Powder Coat Subframe, Power Frame, Hose Reel Mount And Base, And Exhaust Silencer Black
14405142	Powder Coat Unit Gradall Black Part# 14405142 (Excludes Cab / Chassis)
14405150	Powder Coat Unit Gradall STD Red Dupont#N3781 Pt#14405150 Dupont(Excludes Cab / Chassis)
14405143	Powder Coat Unit Gradall STD White Dupont N0006 Pt#14405143 (Excludes Cab / Chassis)
14405094P	Powder Coat Unit International White To Match 9219 Pt#14405094 (Excludes Cab / Chassis)
	Special All Other Colors Powder Coat Color Code (Excludes Cab /
	Chassis) 1 Color/ 1 Dim. Coating
Power Module	
	Direct Drive For Vacuum Pump
	Hydraulic Temp / Level Sight Eye
	Hydrostatic Drive For Water Pump Flows To 100gpm@2000psi ( 13 HP Max )
	Hydrostatic Drive For Water Pump Flows To 80gpm@3000psi ( 160 HP Max )
	Hydrostatic Drive For Water Pump Flows To 85gpm@2000psi ( 115 HP Max )
	Platform And Steps On Power Frame
	Shut-Off Valve(S) On Suction Side
	Transfer Case
	Transfer Case Remote Sight Glass And Fill
	Variable Volume 2.7 Cir Hydraulic Piston Pump Direct Mounted To
	Omsi Tc For Hydraulic Functions
Debris Tank	
	Carbon Steel Float Ball Cage
	Carbon Steel Splash Shield
	Dual Debris Body Safety Props
	Dual Rear Door Safety Props
	Float Level Indicator With Stainless Steel Ball
	Ground Level Grease Fitting For Float Level Indicator
	Ground Level Grease Fitting For Hoist Cylinder
	Ground Level Grease Manifold For Tailgate Hinge And Lock Assemb
	Internal Tank Flusher-Full Flow
	Single Debris Body Safety Prop
	- , , ,
	Single Hoist Cylinder Single Rear Door Safety Prop
	Stainless Steel Float Ball Cage
	Stainless Steel Float Ball Cage Stainless Steel Float Ball Shut-Off
	Stainless Steel Float Ball Cage
Debris Tank Decant	Stainless Steel Float Ball Cage Stainless Steel Float Ball Shut-Off

3" Decant Line (Clear Hose) To Front With Valve At Bumper

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	4" Valve On Sludge Pump Inlet - Brass Slide Gate
	6" Decant Port On Rear Door With 6" X 20'-0" Layflat Hose & Storage
	Basket
	6" Diameter X 12" Tall Bolt On Standpipe On Sludge Pump Port With Strainer On Top
	6" Diameter X 18" Tall Bolt On Standpipe On Sludge Pump Port With
	Strainer On Top
	6" Diameter X 24" Tall Bolt On Standpipe On Sludge Pump Port With
	Strainer On Top
	6" Diameter X 6" Tall Bolt On Standpipe On Sludge Pump Port With
	Strainer On Top 6" Drain Valve - Brass Slide Gate
	6" Drain Valve - Manually Operated Butterfly Type
	6" Drain Valve-Manually Operated Betts (Heated Via Chassis Cooling
	System) Passenger Side
	6" Male Camlock On Decant Valve With Camlock Cap & Lanyard Also
	Includes 6" Layflat Hose With Camlock
	Blaster Valve / Decant Port
	Decant Port Screen (304 SS) Decant Port Screen (Standard)
	Sludge Pump Port Screen (304 SS)
	Sludge Pump Port Screen (Standard)
	Sludge Pump System On Rear Door 4" Hydraulic (710 GPM@10'
·	Head)
Water Tank	
	2-1/2" Y-Strainer On Fill Line
	4" Air Gap Water Tank Fill
	Anti-Splash Valve
	Sight Level Tube On Passenger Side Water Tank
High Pressure Water	Water Tank Electronic Level Indicator In Front Control Panel Display
System	
	56 G.P.M./3000 PSI - 115 HP
	80 G.P.M./2500 PSI - 133 HP
. <u> </u>	85 G.P.M./2000 PSI - F.E. Myers Dp85-20 - 115 HP
	87 G.P.M./2000 PSI -120 HP
	Air Purge System
	Cold Weather Recirculation Using Independent Electric Pump Degreaser Injection System With 25 Gallon Poly Tank, Electric Pump
	And Shutoff Valve
	Drain Valve In Water Pump Supply Line
	Drain Valves Water Pump High Pressure Chambers (Option For Myers
	Only. Drivers Cide Calf Windian Handaum Hannary Hans Back W/ EO Fast
	Drivers Side Self-Winding Handgun Hannay Hose Reel W/ 50 Foot 1/2" Hose And Handgun (800 PSI @ 20 GPM)
	Extra Handgun Connection - Front
	Extra Handgun Connection - Rear
	Handgun With 25 Feet Of Hose ( 800 PSI @ 20 GPM )
	Hxx System Off Main Water Pump 15-20 GPM Can Only Have
	Pressure Rating Less Than Or Equal To Main Water Pump Inc. 1/2" X
	50' Spring Rewind Hannay Hose Reel W/50' Of 1/2" Hose And Pistol Grip Style Hand Gun W/Lance Nozzle
	Hxx System W/Independent Water Pump 10 GPM 3000 PSI Inc. 1/2"
	X 50' Spring Rewind Hannay Hose Reel W/ 50' Of 1/2" Hose Pistol
	Grip Style Hand Gun W/Lance Nozzle
	Lat. Cleaning Kit, W/ 150' X 1/2" Sewer Hose Hannay Hose Reel W/Man. Hand Crank, With (2) 1/2" Nozzles (Side Mounted)
	Low Point Drain - Front Mount
	Passengers Side Self-Winding Handgun Hannay Hose Reel W/ 50
	Foot 1/2" Hose And Handgun (800 PSI @ 20 GPM)
	Pressure Relief Valve
2230010022	Soil Surgeon - 8' X 72" 12 Jetted Water Suction Tube Used For
	Hydro-Excavating Strainer On Water Rump Inlet
	Strainer On Water Pump Inlet Valve On Water Pump Inlet
	Water Distribution Manifold (Centrally Located)
Vacuum System	
	2" Brass Ball Valve Mounted On Bottom Of Blower Exhaust Silencer
	2" Brass Ball Valve Mounted On Bottom Of Cyclone Dropout Box
	8x24 Vac Pump (350HP Chassis) 4000 CFM @18"HG(245"H20) 180
	HP@2250 W/(2) Vac Reliefs
	8x24 Vac Pump (350HP Chassis) 4100CFM@16"HG(217"H20)

	170HP@2250 W/(2) Vac Reliefs
	8x24 Vac Pump 4000CFM@ 18"HG (245"H20) 200HP @ 2470 RPM
	With(2) Vac Relief Valves
	8x24 Vac Pump 4100CFM@16"HG (217"H20) 185 HP @2470 RPM With(2) Vac Relief Valves
	Air Operated 4" Vacuum Relief Valve Controlled At Control Panel & Handheld Pendant
	Air Operated 6" Vacuum Relief Valve Controlled At Control Panel & Handheld Pendant
	Carbon Steel Strainer Basket In Cyclone Separator
	Cyclone Separator With Drop Box Clean Out
	Stainless Steel Strainer Basket In Cyclone Separator
Boom	
	Boom Upgrade To 5x5 Catch Basin Style With 5' Horizontal Extension And 5' Vertical Hose Travel Includes 2150010010 8" 5' Extending Catch Basin Nozzle
	Extra Heavy Duty Steel Elbow
	Front Mounted Hydraulic Boom (180 Degree Rotation )
	Hydraulic Extending Boom
	Remote Grease Fitting For Boom Rotation And Extension
	Slide Valve 8", Air Oper. W/Switch On Pendant And Control Panel Steel Boom Elbow
Hose Reel - Main	Steel Boom Libow
Hose Reel Ham	Automatic Level Wind
	Blockbuster / Jackhammer Valve / Manual Type
	Digital Sewer Hose Footage Counter Displayed At Operators Station
	Direct Drive Hose Reel
	Dual Roller Level Wind
	Dual Roller Telescoping Level Wind
	Front Reel 1000 Ft. Capacity (1" Hose)
	Front Reel With 800' Capacity (1" Hose)
	Front Reel, Low Profile With 600' Capacity (1" Hose)
	Hose Reel Foot Controls - Pay In/Out 12vdc
2190300007	Hose Tensioner Air Operated
	Hydraulic Hose Reel Tilt (Electric Over Hydraulic)
	Lexan Splash Shield
	Reel Pivot-180 Degree With Air Brake
	Remote Grease Manifold For Rotate Bearing 2 Swivels,Pillow Block & Pivot Pins 6 Total Hose Reel
	Single Roller Level Wind
	Single Roller Telescoping Level Wind
Operator Controls	
VA0000S4761 &	Additional Emergency Stop - (Specify Location & Qty) All Smart Flow Communication Package - Includes (2) Cables (1)
VA0000S4762	VA0000S4761 & (1) VA0000S4762 Auxiliary Hydraulic Tool Circuitry With Adjustable Flow Control &
	Quick Connectors
	Blower Hourmeter (At Front Control Panel Lcd Display)
	Blower Temp Gauge & Connection To Air Operated Relief Valve Blower Temp Gauge (At Front Control Panel Lcd Display)
	Boom Control Joystick Recessed For Protection
	Boom, Body And Tailgate Aux. Hydraulics (Powered By Hose Reel Power Pack)
	Camera System - Four Channel 7" Swivel Colored Lcd Monitor With (3) Additional Cameras
	Camera System - Two Channel 7" Swivel Colored Lcd Monitor With (1) Additional Camera
	Color LCD Display With 32 Output Microprocessor Control
	(Expandable) W/J1939 Can Communication
	Curbside Mounting Of Water Manifold And Hydraulic Control Valve.
	Debris Tank High Level Light (Reqs. Float Level Indicator)
	Debris Tank High Level Light & Horn (Reqs. Float Level Indicator)
	Debris Tank High Level Light Hooked To Vacuum Relief (Reqs. Float
	Level Indicator) Drivers Side Mounting Of Water Manifold And Hydraulic Control
	Valve.
	Dual Control Panel Mounts & Wiring. This Allows Operator To Move Panel From Drivers Side To Passengers Side
	Emergency Stop
	Hydraulic Pressure Gauge

	Ip66 Sealed Exterior Electrical Controls And Wiring Harness W/Protective Cover That Exceeds Nema 4 Ratings
	Low Water Light
	Low Water Light And Horn Combination Over Ride Switch For Low Water And Or High Debris Horn
	Reel Shift For Transfer Case
	Tachometer / Hourmeter On Color LCD Display Module
	Throttle Control At Hose Reel Control Panel
	Transfer Case Shift Controls In Cab
	Two Channel Camera System With 7" Swivel Color LCD Monitor
	Vacuum Gauge On Color LCD Display Module
	Water Pressure Gauge On Color LCD Display Module Water Pump Hourmeter (At Front Control Panel Lcd Display)
	Water Pump On/Off Switch
	Wireless Remote Control To Control All Boom Functions, Throttle, Vac
	Relief Valve, E-Stop (Returns Eng To Idle) Water Pump Speed
	Control. Includes 2130200038 Belt Clip Style Wireless Pendant
	Lanyard
	Wireless Remote To Control Throttle, Vac Relief Valve, E-Stop (Returns Eng To Idle) Water Pump Speed Control Via Toggle Switch.
	Also Includes High Resolution Color Display Screen 1 7/8 W X 1 7/16
	H. Displays Water Pressure, Vacuum HG Blower Speed, Water Pump
	Speed & Blower Temp. To Inlcude 2130200038 Belt Clip Style
Lighting	Wireless Pendant Lanyard.
Lighting	Boom Work Lights-Two
	Extra Spotlight Receptacle Rear Passenger Side
	Hand Spot (LED) W/20' Cord, Retractable Reel
2150190004	Hand Spot Light, LED With 20' Plug In Cord
	LED D.O.T. Lighting (Includes Stop, Tail, Turn And Back-Up)
	Power Module Work Lights- (2)
	Rear Mounted Traffic Advisor-Bar Type LED Whelen Tacf85
	Rear Work Light - Two
	Strobe Light - Body - One Whelen L21lap Class 1 360 Degree Super
	LED W/ Limb Guard
	Strobe Light - Body - One Whelen L22LAP Class 2 360 Degree Super LED W/ Limb Guard
	Strobe Light - Body - One Whelen L31HAF Class 1 360 Degree Super Bright LED W/ Limb Guard
	Strobe Light - Body - Two Whelen L21LAP Class 1 360 Degree Super LED W/ Limb Guard
	Strobe Light - Body - Two Whelen L22LAP Class 2 360 Degree Super LED W/ Limb Guard
	Strobe Light - Body - Two Whelen L31HAF Class 1 360 Degree Super Bright LED W/ Limb Guard
	Strobe Light - Front - One Whelen L31HAF Class 1 360 Degree Super Bright LED W/ Limb Guard
	Strobe Light - Front - Two Whelen L21lap Class 1 360 Degree Super LED W/ Limb Guard
	Strobe Light - Front - Two Whelen L31haf Class 1 360 Degree Super Bright LED W/ Limb Guard
	Strobe Light - Front- One Whelen L21LAP Class 1 360 Degree Super LED W/ Limb Guard
	Strobe Light - Front- One Whelen L22Iap Class 2 360 Degree Super LED W/Limb Guard
	Strobe Light - Front- Two Whelen L22LAP Class 2 360 Degree Super LED W/ Limb Guard
2100100025	Strobe Light - Front-Two- Mirror Mounted Whelen L22LAP Class 2
2190190025	360 Degree Super LED W/ Limb Guard
	Whelen Single Marker Light Style Flat Strobe (Specify Quantity &
Teelhewee	Location)
Toolboxes	(1) Above Water Pump Horizontal Mounted Single (1) 18"X18"X36"
	Aluminum Lockable Toolbox With Access Ladder (No Size Variations-
	Not Available With Recycler Option) Reference-2190490001 &
	2190490037.
	(1) Above Water Pump Vertical Mounted Dual (2) 18"X18"X36" Aluminum Lockable Toolboxes With Access Ladder (No Size
	Variations-Not Available With Recycler Option) Reference-
	2190490018 & 2190490037.
	(1) Rear Underride Mounted Single Tube Rack
	(1) Rear Underride Vertical Mounted 15"X18"X24" Aluminum
	Lockable Toolbox Drivers Side (No Size Variations)

	(1) Rear Underride Vertical Mounted 15"X18"X24" Aluminum			
	Lockable Toolbox Passengers Side (No Size Variations)			
	Additional Lockable Tool Box, Aluminum (18 X 18 X 36)			
	Additional Lockable Tool Box, Steel (18 X 18 X 36)			
	Behind Cab Alum. Cross Body Toolbox 16.5 X 42 X 60 Single Door Driver Side- 2 Drawers & Shelf			
	Front Bumper Toolbox Aluminum			
	Front Bumper Toolbox Carbon Steel Nozzle Rack Mounted In Toolbox			
	One Lockable Tool Box, Aluminum (18 X 18 X 36)			
	One Lockable Tool Box, Steel (18 X 18 X 36)			
	Rear Door Tube Rack / Holds (2) Tubes			
	Rear Door Tube Rack / Holds (3) Tubes			
	Rear Door Tube Rack / Holds (4) Tubes			
	Toolbox Back Of Cab X-Body Aluminum 1 Door Each End 96" X 36" X			
	16"			
	Traffic Cone Holder			
	Tube Rack Mounted On Silencer			
Packaged Items				
	3/4" Radial Nozzle Dual Degree Nozzle Orficed For Req'D Flow			
	Pressure			
43NZA30190-S16L	1 "Nozzle Extension 15" Long Standard			
43NZLHD9016AS	1" All Star Kit W/ Grenade - 80 GPM @ 2000 PSI			
43NZLHD9016PS	1" All Start Kit W/ Phantom 80 GPM @ 2000 PSI			
43NZLHD3116S	1" Aquadrill Nozzle - 80 GPM @ 2000 PSI			
43NZLHD7116S	1" Bulldozer Nozzle - 80 GPM @ 2000 PSI			
43NZLHD3016S	1" Chisel Point Nozzle 80 GPM @ 2000 PSI			
43NZLHD7016S	1" Fluke Nozzle - 80 GPM @ 2000 PSI			
43NZLHD2016S	1" Grenade Nozzle - 80 GPM @ 2000 PSI			
	1" Nozzle Extension 12" Long Finned 1" Phantom Grenade Nozzle - 80 GPM @ 2000 PSI			
43NZLHD2116S 43NZLHD7216S	1" Power Bulldozer Nozzle - 80 GPM @ 2000 PSI			
4311211072105	1" Radial Nozzle Dual Degree Nozzle Orficed For Req'd Flow Pressure			
43NZLHD5016S	1" Spider 50 Nozzle - 80 GPM @2000 PSI			
43NZLHD5216S	1" Spider 60 Nozzle - 80 GPM @ 2000 PSI			
43NZLHD1116S	1" Spinner Forward Firing Nozzle - 80 GPM @ 2000 PSI			
43NZLHD3016SCS	1" Super Chisel Point Nozzle 80 GPM @ 2000 PSI			
43NZLHD6016S	1" Torpedo Nozzle - 80 GPM @ 2000 PSI			
	10' X 1" Leader Hose			
VA32050018	10' X 3/4" Leader Hose			
	24' X 8" Bandlock Type Aluminum Vacuum Tubes, (2) 4.0'			
	VA40020002, (2) 5.0' VA40020003, (1) 3.0' VA40020001, (7) 8"			
	Clamps VA40010071, (7) 8" Gaskets VA38010018, (1) VA40020033			
	8" X 3'-0" Nozzle Aluminum Alligator (Catch Basin Nozzle)			
	24' X 8" Flat Flanged Style Aluminum Vacuum Tubes, (2) 4.0' 2130010008, (2) 5.0' VA40020072, (1) 3.0' VA40020073, (7) 8"			
. <u></u>	Clamps VA40020075, (7) 8" Gaskets VA40020074, (1) VA40020069			
	8" X 3'-0 Nozzle Aluminum Alligator (Catch Basin Nozzle)			
2230010021	6" Flat Flanged Clamp			
VA33010076	6" Operator's Handle			
VA40010082	6" Travis Irrigation Clamp			
VA40020075	8" Flat Flanged Clamp			
VA40020074	8" Flat Flanged Gasket			
VA33010077	8" Operator's Handle			
VA40010071	8" Travis Irrigation Clamp			
VA40020030	8" X 3' Band Lock Type Aluminum Fluidizing Tube			
VA40020033	8" X 3' Band Lock Type Aluminum Catch Basin Tube			
VA40020001	8" X 3' Band Lock Type Aluminum Tube			
VA40020069	8" X 3' Flat Flanged Aluminum Catch Basin Tube			
VA40020073	8" X 3' Flat Flanged Aluminum Tube			
VA40020002	8" X 4' Band Lock Type Aluminum Tube			
2130010008	8" X 4' Flat Flanged Aluminum Tube			
VA40020003	8" X 5' Band Lock Type Aluminum Tube			
VA40020072 VA40020005	8" X 5' Flat Flanged Aluminum Tube 8" X 6' Band Lock Type Aluminum Tube			
2130010009	8" X 6' Band Lock Type Aluminum Tube 8" X 6' Flat Flanged Aluminum Tube			
VA40050002	8" X 6" Band Lock Type Reducer			
2230010018	8" X 6" Flat Flanged Reducer			
VA40020014	8" X 7' Band Lock Type Aluminum Tube			
VA40020071	8" X 7' Flat Flanged Aluminum Tube			

VA40020070	8" X 8' Flat Flanged Aluminum Tube				
	Additional Tigertail Hose Protector(S)				
	Ball & Socket Tubes Upcharge (Aqua Tech Style)				
VA34240095	Emergency Road Kit				
VA32050001	Fill Hose 25' X 2 1/2"				
VA95000109	Fill Hose 25' X 2 1/2" With Camlocs				
80363250	Fire Extinguisher (5#)				
80483281	First Aid Kit				
VA32050004	Hydrant Wrench				
VA32030004	Lat. Cleaning Kit, Inc. 150' X 1/2" Sewer Hose -Man. Hand Crank				
	Reel With (2) 1/2" Nozzle Mounted On Wheeled Cart For Remote Use				
	Manhole Hook				
	Parker S616 Serwer Hose - 1" NPT End Fitting # UEM1010ME (Parker				
	Hose Only)				
	Parker S616 Sewer Hose - 1" Npt Mender Fittings Uem1010ohm				
	(Parker Hose Only)				
	Parker S616 Sewer Hose 1" End Fitting & Mender Crip Machine #				
	Uem112 (Parker Hose Only)				
	Pendant Remote Control				
	Sewer Cleaning Hose 1" - 2500 PSI				
	Sewer Cleaning Hose 1" - 3000 PSI				
	Sewer Cleaning Hose 3/4" - 3000 PSI				
43NZA30190-S16S	Small Nozzle Skid 1" X 3-7/8" X 15" Long				
43NZA30190-S12S	Small Nozzle Skid 3/4" X 3-7/8" X 15" Long				
	Tigertail Hose Guide (One)				
Manuals					
	(1) Set Of Parts & Service Manuals Provided On CD, Paper Copy				
	Provided For Operators & Safety Manuals				
	Add'L Set Of Paper Copy Manuals To Include - Parts, Service,				
	Operators & Safety				
VA0000S5094	Operational Video				

VACALL



# SPECIFICATIONS

#### BLOWER

Blower - Roots 824@16"; 18" Rotary lobe direct drive.

Drive - Direct - OMSI air-shift transfer case. Speed - 2470 rpm.

Blower Vacuum - 16" hg standard: (217" h20). Blower Airflow - 5200 CFM Free Air.

# **DEBRIS TANK**

Volumetric Capacity - 6, 8, 10, 12 cu yd Dump Angle - 42°.

Sides - ASTM A572 Grd 50 Carbon Steel -1/4", (.250) x 3/8", (.375).

Construction - Oval shape, cylindrical sides, wrap-around gussets.

Lifitng - Hydraulic three-stage telescopic cylinder.

Tailgate - Heavy-duty Rear, full 90 °, hydraulically-opening, with dual positive-locking reverse angle wedges.

**Debris Body Safety Prop -** Manually-operated single prop located on hoist frame near rear axles.

Tailgate Safety Prop - Located outside, beside tailgate driver side.

# CONTROLS

All Smart Flow Control - Enclosed cabinet control box containing 12 volt CAN bus boom control joystick recessed for protection. LCD color display to increase/decrease engine RPM, water pressure, vacuum, Emergency stop button,

water pump and blower hour meter. Wired pendant - Wired pendant with 12 proportional push buttons; 3-position rotary switch, latching emergency stop.

### HYDRAULIC SYSTEM

Hydraulic Pump - Pressure-compensated piston pump. Capacity - 40 Gallon. Return Filter - 10 Micron.

#### BOOM

Diameter - 8". Front Boom Reach - 25'. Rotation - 180°. Work Area - 552 Sq. Ft. Telescoping - 8', 6". Capacity - 1,000 Lbs.

## WATER SYSTEM

Water Tank Construction - High-quality, fully-welded aluminum.

Water Tank Capacity - 1,000 or 1,500 Gallons.

- Pump Type Hydraulically-powered triplex plunger.
- System Flow Variable-flow 85gpm @ 2,000 rpm.
- Hose Reel 1" Diameter hose, 800' capacity, direct-drive reel, 230° rotation.

Catch Basin Cleaning - Side-mounted handgun.

Filter - Inlet suction strainer.

# OPTIONS

Sludge Pump - 710 gpm @ 10' head pressure.

Lighting - Strobe, work, directional, corner strobes.

Toolboxes/Tube Racks - Optional Aluminum or Carbon Steel.

Lateral Cleaning Reel - 2-1/2" Y Strainer on fill.

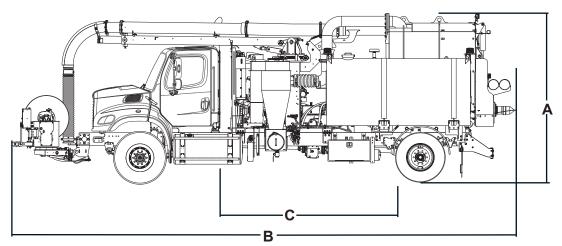
Internal Tank Flush - Optional. Emergency Hydraulics - Optional Electric 12VDC.

Galvanized Debris Tank - Optional. Cold Weather Recirculation - Optional Electric 12VDC. Remote Grease Manifolds - Optional.

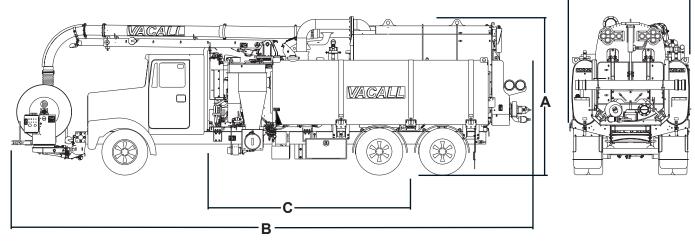
Air Purge - Optional. Empty Water/Full Debris Electronic De-rate Wireless Remote High Dump



# 6 Cubic yard Single Axle



## 8, 10 or 12 Cubic Yard Tandem Axle



DIMENSIONS	MACHINE MODEL NUMBERS			
DIMENSIONS	AJV610	AJV810	AJV1015	AJV1215
A. Overall Height	12'0"	12'0"	12'0"	12'0"
B. Overall Length	35'6"	35'6"	37'9"	38'9"
C. Clear CA Required	167"	167"	184.5"	198.5"
D. Overall Width	8'8"	8'8"	8'8"	8'8"

#### Certified ISO 9001

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



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