SEWER EQUIPMENT CO. of AMERICA

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SEWER EQUIPMENT CO. of AMERICA



MODEL 545 & 747 SERIES



Sewer Equipment Company of America built its first 747 Trailer Jet with a rotating hose reel in 1993. Throughout its evolution, the 747 series of jetters has been the industry standard by which others are judged. Whether it is longevity, operator safety, overall value or available options that you are looking for, the current offering of 747 trailer and truck jets are without peer in the marketplace.







Longevity starts with choosing the proper components and continues with meticulous design and assembly. With gas engines and triplex plunger run-dry water pumps as standard equipment, users are assured of a vast support network and the utmost performance and reliability for the life of their system. Trailer frames made of fully welded ¼" x 2" x 6" steel tubing, maximize strength. Additionally, they are corrosion resistant and every trailer is certified by the National Association of Trailer Manufacturers, assuring you of adherence to all Federal D.O.T regulations and safety standards.

While our stout frames limit flex and sway while towing, our available Duraprolene water tanks are fully baffled to eliminate surging while stopping and turning with a load of water. Once on the job, our standard rotating safety reel allows the operator to position the trailer in the safest possible manner while simply rotating the reel to conveniently face the access point. The NEMA 4 control panel swivels with the reel to allow safe access regardless of reel position.

Our unique ECO operating system allows the engine to run at a 20% lower RPM than traditional designs, creating a safer and more pleasant work environment for your operators. Long term value is also created with design features like a welded, one piece enclosure and components that are painted prior to assembly to eliminate points of corrosion.

Any machine requirements necessary to get your job done, a 747 can be built to meet it. If a truck is more suited to your application, the 747 is offered to mount on your chassis or a factory provided unit with up to 3,000 gallons of water capacity. When truck mounted, power can be delivered by an auxiliary engine or via PTO hydrostatic drive from the chassis' power plant. Budget minded customers can look to the 545 series, which has the same construction features of the 747, but is without an engine and pump enclosure, or with engine enclosure only. Additional machine options include various pump configurations, wireless and tethered remote controls, tool storage, dual reels, safety lighting, integral CCTV system and more.







MODEL 545 & 747 SERIES



one piece enclosure: Our one piece enclosure is designed to maintain its cosmetic and functional integrity throughout the life of your equipment. While most manufacturers bolt individual panels together to achieve its purpose this practice leads to rusting panels, missing fasteners and overall degradation of the equipment. In addition to the structural and cosmetic integrity, these enclosures function to maintain temperatures above freezing in most conditions. With steel or aluminum available as materials of construction, our units are designed for the harshest weather and road conditions.



DURAPROLENE WATER TANK: Many manufactures choose to build using rotational molding. However at Sewer Equipment, we offer trademarked DURAPROLENE tanks. Unlike typical "poly" materials of construction that are rotational molded and non-repairable, our DURAPROLENE material can be repaired long after the warranty has expired. In addition, our design is fully baffled, yielding dramatically improved stopability. It is UV stabilized for protection from the sun and the surface is textured to provide a long lasting finish that will withstand the test of time and keep your unit looking first rate long into the future.



BOX TUBE FRAME: As we all know, a steel box tube cross section is stronger than a "C" channel cross section. However, tube construction also costs more money. While this is indeed true, it also leads to a stronger and longer lasting frame designed to withstand the strenuous rigors of any application you throw at it. It is for this reason we utilize this concept in all our products and provide our customers with the best value in the market.

NEMA 4 WIRING: Moisture can cause havoc on electrical systems which is why we choose to protect our electrical systems with NEMA rated enclosures. NEMA is an acronym for National Electrical Manufacturers Association and this organization specifies design criteria for electrical enclosures and their sealing abilities. Rather than just run wires to and from various devices, we choose to design our products to resist the rigors of your application by utilizing these enclosures on our products and eliminate the maintenance issues related to moisture intrusion in electrical systems which do not use these methods.







MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE	
545	19'6"	7'6"	7'6"	700 Gallon	Tandem Axle	1000′	1/2" - 1"	







MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE
747	19'6"	7′ 6″	7'6"	700 Gallon	Tandem Axle	1000′	1/2" - 1"







MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE
747 TK	26′2″	8'4"	8'6"	700 Gallon	Single or Tandem Axle	1000′	1/2" - 1"







MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE	
747 TV	20′	7'6"	8′	700 Gallon	Tandem Axle	1000′	1/2" - 1"	







MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE
747 TK-TV	26'8"	8'4"	8'6"	1500 Gallon	Single or Tandem Axle	1000′	1/2" - 1"

MODEL 545 & 747 SERIES

V		CLASSIC TAT	JASS!	o,	OT	ECOTA TAT	ڞ
A second	107	107	787	167	107	107	Š
Engine & Pump							
Ford 2.5L Gas Engine	S	S					S
Ford 3.7L Gas Engine			S	S	S	S	
Triplex Plunger Water Pump w/	S	S	5	S	S	S	5
30 Minute Run-Dry: 40gpm @ 2000psi				100			
Auto Shutdown (high engine temp/low oil pressure)	S	S	S	S	S	5	S
40gpm @ 3000psi Pump & 3000psi hose			0	0	0		
114hp Tier IV Final Diesel			0	0	0		-
114hp Diesel Engine w/			0	0	0		
65gpm @ 2000psi pump & 1" sewer hose	- 1				-	-	-
Lighted NEMA 4 Control Panel	S	S	S	S	S	5	S
Tachometer/Hour Meter	5	5	5	5	5	S	S
Air Purge Valve	S	S	S	S	S	S	S
Painted Steel Shroud Enclosure	S	S	S	S	S	S	
with Locking Doors	-	-	-	-	-	-	-
Non-Shrouded Design	-	-	-	-	-	-	S
Recirculation System	S	S	5	S	5	S	S
Electronic Clutch Engage	-	S	0	S	0	S	-
Hydraulic Pressure Gauge	0	0	0	0	0	0	0
Drain Valve for Water Pump	0	0	0	0	0	0	C
Upgrade to Aluminum Shroud	0	0	0	0	0	0	-
Upgrade to Aluminum Shroud (painted)	0	0	0	0	0	0	-
Electronic Water On/Off Control	0	0	0	0	0	0	C
Electronic Throttle Control	S	S	S	S	S	S	S
Gauge Package	S	S	S	S	S	S	S
(Hour Meter, Tach, Volt Oil Pressure Temp)							
Tank & Fill	-	-			-		
700gal black Super Poly Water Tank	S	S	S	S	S	S	S
2.5" Fill System	S	5	S	S	5	S	S
Fill Hose Storage Rack	0	0	0	0	0	0	0
Winterization System	0	0	0	0	0	0	C
700 Gallon Duraprolene® Water Tank	0	0	0	0	0	0	
1000 Gallon Duraprolene® Water Tank		0	-	0	-	0	-
1500 Gallon Duraprolene® Water Tank	-	0	-	0	-	0	-
2000 Gallon Duraprolene® Water Tank	-	0	-	0	-	0	-
2500 Gallon Duraprolene® Water Tank		-		-		-	
3000 Gallon Duraprolene® Water Tank 10'x6" Lower Profile	-	0	-	0	-	0	-
		0		0		0	
1500 Gallon Water Tank (Truck Only) 10 Year Warranty for	0	0	0	0	0	0	0
Duraprolene® Water Tank	0	0	0	0	0	0	ľ
Truck							
Mounting to approved Chassis		S		S		S	
Mud Flaps		5		S	-	S	
One Steel Under-body toolbox		5		S		S	
Auxiliary Fuel Tank		5		S		5	
Aluminum Under-body Toolbox		0		0		0	-
Aldillillalli Olidei body looloox		-		-		-	
					-	0	
18"x18"x36"		0		0		0	
18"x18"x36" Additional Aluminum		0		0		1	
18"x18"x36" Additional Aluminum Under-body Toolbox				F		0	-
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System		0		0		0	
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper		0		0		0	
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper Hydrostatic Drive		0 0		0 0		0	
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper Hydrostatic Drive Rear Gauge Cluster		0 0 0 5		0 0 0 5		0	
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper Hydrostatic Drive Rear Gauge Cluster Rear Back-Up Camera System		0 0 0 5		0 0 0 5		0 0 5 0	
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper Hydrostatic Drive Rear Gauge Cluster Rear Back-Up Camera System Combination Heavy Duty Ball Hitch		0 0 0 5 0		0 0 0 5 0		0 0 5 0	
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper Hydrostatic Drive Rear Gauge Cluster Rear Back-Up Camera System Combination Heavy Duty Ball Hitch Reese Style Hitch		0 0 0 5		0 0 0 5		0 0 5 0	
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper Hydrostatic Drive Rear Gauge Cluster Rear Back-Up Camera System Combination Heavy Duty Ball Hitch Reese Style Hitch	S	0 0 0 5 0	S	0 0 0 5 0	S	0 0 5 0	5
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper Hydrostatic Drive Rear Gauge Cluster Rear Back-Up Camera System Combination Heavy Duty Ball Hitch Reese Style Hitch Trailer Tandem Axles 14,000lbs. GVWR	S	0 0 0 5 0	S	0 0 0 5 0	S	0 0 5 0	-
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper Hydrostatic Drive Rear Gauge Cluster Rear Back-Up Camera System Combination Heavy Duty Ball Hitch Reese Style Hitch Trailer Tandem Axles 14,000lbs. GVWR Electric brakes	S	0 0 0 5 0	S	0 0 0 5 0	5	0 0 5 0	S
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper Hydrostatic Drive Rear Gauge Cluster Rear Back-Up Camera System Combination Heavy Duty Ball Hitch Reese Style Hitch Trailer Tandem Axles 14,000lbs. GVWR Electric brakes 2-5/16" Ball Hitch	S	0 0 0 5 0	S	0 0 0 5 0	5	0 0 5 0	S
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper Hydrostatic Drive Rear Gauge Cluster Rear Back-Up Camera System Combination Heavy Duty Ball Hitch Reese Style Hitch Trailer Tandem Axles 14,000lbs. GVWR Electric brakes 2-5/16" Ball Hitch Aluminum Toolbox	S	0 0 0 5 0	S	0 0 0 5 0	5	0 0 5 0	S
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper Hydrostatic Drive Rear Gauge Cluster Rear Back-Up Camera System Combination Heavy Duty Ball Hitch Reese Style Hitch Trailer Tandem Axles 14,000lbs. GVWR Electric brakes 2-5/16" Ball Hitch Aluminum Toolbox One Steel toolbox Fender Mounted	S S O S	0 0 0 5 0	\$ \$ 0 \$	0 0 0 5 0	S S	0 0 5 0	S 0 S
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper Hydrostatic Drive Rear Gauge Cluster Rear Back-Up Camera System Combination Heavy Duty Ball Hitch Reese Style Hitch Trailer Tandem Axles 14,000lbs. GVWR Electric brakes 2-5/16" Ball Hitch Aluminum Toolbox One Steel toolbox Fender Mounted Spare Tire and Rim	S S O S	0 0 0 5 0	S S O S	0 0 0 5 0	5 5 5	0 0 5 0	S S S O O O
18"x18"x36" Additional Aluminum Under-body Toolbox Air Purge System Spray Bar for Front Bumper Hydrostatic Drive Rear Gauge Cluster Rear Back-Up Camera System Combination Heavy Duty Ball Hitch Reese Style Hitch Trailer Tandem Axles 14,000lbs. GVWR Electric brakes 2-5/16" Ball Hitch Aluminum Toolbox One Steel toolbox Fender Mounted	S S O S	0 0 0 5 0	\$ \$ 0 \$	0 0 0 5 0	S S	0 0 5 0	S 0 S

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Action to the second	101	101	107	107	100	101	et s
Hose Reel & Hose	_						
Rotating Safety Reel with 800' of 34" Hose	S	S	S	S			S
Dual Reel System			111				
Reel A- Rotating Safety Reel with							
500' of Umbilical Cord @ 2500psi					5	S	
Reel B- Rotating Safety Reel with							
600' of ¾" @ 2500psi Hose		-	-		-	-	
Dual Reel System	0	_	_	_			1
Reel A- ¾" or 1" 600' Capacity Reel	U	0	0	0			1
Reel B- ½" 600' Capacity Reel Automatic Level Wind	0	0	0	0	0	0	0
with Hydraulic Up/Down	٥	0	0	0	0	0	٥
Automatic Level Wind	0	0	0	0			
with Hydraulic Up/Down (for Dual Reel)	۰	0	•	0	-		
Fixed Hose Reel	0	0	0	0			0
1000'x ¾" Capacity Hose Reel	0	0	S	0			-
5/8" @ 4000psi Sewer Hose (for Dual Reel)	0	0	0	0	S	S	
½"@ 4000psi Sewer Hose	0	0	0	0	0	S	
%"@ 2500psi Sewer Hose	0	0	0	0	0	0	
4 @ 2500psi Sewer Hose	0	0	0	0	0	0	
1" 2500psi Sewer Hose	J	0	0	0	0	0	
1"3000psi Sewer Hose			0	0	0	0	
Smart Counter	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Smart Counter (for Dual Reel) Footage Meter	0	0	0	0	0	0	0
	٥	0	0	0	0	0	٥
(Mounted on the Hose Reel)	0	0	0	0			0
Footage Meter	U	0	0	0			U
(Mounted on the manual level wind)	_	_	_	_	_	_	_
Lateral Line Cleaning Kit	0	0	0	0	0	0	0
Mini-Missile Nozzle	0	0	0	0	0	0	0
Patriot II Root Cutter Kit	0	0	0	0	0	0	0
25' x ¾" Leader hose	0	0	0	0	0	0	0
25'x 1" Leader Hose	0	0	5	0	0	0	0
Washdown system with gun & 25' of Hose Washdown system with retractable reel	0	0	0	0	0	0	0
& 50' of hose	0	0	0	0	0	U	0
TV System							
Self-Leveling Color TV camera					S	S	
One 4" Jet Pod Skid			-		5	S	
Color Monitor					5	S	
DVR with Removable SD Card			-		S	5	
Additional Self Leveling Camera Head					0	0	
Additional 4" Jet Pod Skid					0	0	
6" Jet Pod Skid Extensions		-			0	0	-
8" Jet Pod Skid Extensions					0	0	
10" Jet Pod Skid Extensions	-	-	-		0	0	-
					-	_	
12" Jet Pod Skid Extensions 15" Jet Pod Skid Extensions			-		0	0	
18" Jet Pod Skid Extensions					0	0	
Tool Storage					U	U	
Hose Guide/Wash-Down Gun,	0	0	0	0	0		0
	U	0	0	0	0		0
Upstream Pulley Guide Storage Tray Additional	0		0		0	-	0
	U		U		U		0
The state of the s	1.00						_
Top Opening Aluminum Toolbox	•	-	-	-	_		
Top Opening Aluminum Toolbox Additional	0		0		0		0
Top Opening Aluminum Toolbox Additional Top Opening Steel Toolbox			ii.				0
Top Opening Aluminum Toolbox Additional Top Opening Steel Toolbox Long Handled Tool Storage Tube	0	0	0	0	0	0	0
Top Opening Aluminum Toolbox Additional Top Opening Steel Toolbox Long Handled Tool Storage Tube Root Cutter Maintenance Box		0	ii.	0		0	O
Top Opening Aluminum Toolbox Additional Top Opening Steel Toolbox Long Handled Tool Storage Tube Root Cutter Maintenance Box Lighting	0	0	0	0	0	0	
Top Opening Aluminum Toolbox Additional Top Opening Steel Toolbox Long Handled Tool Storage Tube Root Cutter Maintenance Box Lighting LED D.O.T. Approved Lighting	0	O	0	0	0	5	
Top Opening Aluminum Toolbox Additional Top Opening Steel Toolbox Long Handled Tool Storage Tube Root Cutter Maintenance Box Lighting LED D.O.T. Approved Lighting Compartment lighting	0 0 5 0	0 S 0	0 0 5 0	0 5 0	0 0 5 0	0 5 0	S
Top Opening Aluminum Toolbox Additional Top Opening Steel Toolbox Long Handled Tool Storage Tube Root Cutter Maintenance Box Lighting LED D.O.T. Approved Lighting Compartment lighting LED Flood light	0 0 s 0	0 S 0	0 0 5 0	0 S 0	0 0 5 0	0 5 0	s
Top Opening Aluminum Toolbox Additional Top Opening Steel Toolbox Long Handled Tool Storage Tube Root Cutter Maintenance Box Lighting LED D.O.T. Approved Lighting Compartment lighting LED Flood light LED rotating beacon	0 0 5 0 0	0 S 0 0	0 0 5 0 0	0 S 0 0	0 0 5 0 0	0 5 0 0	S
Top Opening Aluminum Toolbox Additional Top Opening Steel Toolbox Long Handled Tool Storage Tube Root Cutter Maintenance Box Lighting LED D.O.T. Approved Lighting Compartment lighting LED Flood light LED rotating beacon LED Strobe Light	0 0 8 0 0	0 S 0 0	0 0 0 5 0 0 0	0 5 0 0 0	0 0 8 0 0 0	0 5 0 0 0	S 0 0 0 0
Top Opening Aluminum Toolbox Additional Top Opening Steel Toolbox Long Handled Tool Storage Tube Root Cutter Maintenance Box Lighting LED D.O.T. Approved Lighting Compartment lighting LED Flood light LED rotating beacon LED Strobe Light LED Arrow Board	0 0 8 0 0 0	0 S 0 0 0	0 0 0 0 0 0	0 5 0 0 0	0 0 0 0 0 0	0 5 0 0 0	S 0 0 0 0 0 0
Top Opening Aluminum Toolbox Additional Top Opening Steel Toolbox Long Handled Tool Storage Tube Root Cutter Maintenance Box Lighting LED D.O.T. Approved Lighting Compartment lighting LED Flood light LED rotating beacon LED Strobe Light LED Other Light LED Arrow Board Handheld Wireless Spotlight	0 0 8 0 0	0 S 0 0	0 0 0 5 0 0 0	0 5 0 0 0	0 0 8 0 0 0	0 5 0 0 0	S 0 0 0 0 0 0
Top Opening Aluminum Toolbox Additional Top Opening Steel Toolbox Long Handled Tool Storage Tube Root Cutter Maintenance Box Lighting LED D.O.T. Approved Lighting Compartment lighting LED Flood light LED Flood light LED Strobe Light LED Arrow Board Handheld Wireless Spotlight Pendant Controls	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0	5 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0	S 0 0 0 0 0 0
Additional Top Opening Aluminum Toolbox Additional Top Opening Steel Toolbox Long Handled Tool Storage Tube Root Cutter Maintenance Box Lighting LED D.O.T. Approved Lighting Compartment lighting LED Flood light LED rotating beacon LED Strobe Light LED Arrow Board Handheld Wireless Spotlight Pendant Controls Master Pendant Wireless Pendant	0 0 8 0 0 0	0 S 0 0 0	0 0 0 0 0 0	0 5 0 0 0	0 0 0 0 0 0	0 5 0 0 0	0 0 0 0 0

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SEWER EQUIPMENT CO. of AMERICA







Sewer Equipment Co. of America's Model 900 ECO Combination Sewer Cleaner utilizes proven technologies to deliver a machine with simplicity that is unequaled in the industry. As with our leading 747 ECO trailer jet and 800-HPR ECO truck jet, the Model 900 ECO operating platform offers the best in class fuel efficiency and noise reduction for operator safety. Sewer Equipment: Best Products, Best Local Support.







Life used to be so simple, and chances are, so was your combination truck. All indicators are that times have changed in the equipment market, and users are being forced to accept increased complexity when they purchase a new piece of equipment. Operators, mechanics and supervisors are left wondering what happened to their old truck that was so easy to operate and maintain.

At Sewer Equipment, we have been wondering the same thing. Does integrating CAN Bus communication systems, touch screen interfaces and computer controlled logic result in increased productivity, cost effectiveness, operator satisfaction, reliability, longevity or safety? In talking to most owners, the answer is an emphatic, "NO!"

Introducing the Sewer Equipment Co. of America Model 900 ECO, a machine that puts safety, simplicity and reliability back into your work day. How do we do it?

It starts with our patented "Hydro Drive" powertrain system, which powers the pump, the blower and the auxiliary hydraulic systems. When you are ready to work, simply put the truck in neutral, apply the parking brake and exit the cab. The truck remains in neutral and power is taken directly from the chassis engine, assuring operator safety during operation, as there is no transfer case to slip into gear.

We have made the operator interface as easy as 1-2-3-4. An operator must flip a switch to put the truck into "Work Mode" and from there you can engage switches for the water pump, blower and throttle. No special sequence, that's it!

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The simplicity continues as our unit is also controlled via 12 volt switches, relays and solenoids, as well as manual hydraulic controls. Operators can be trained to safely operate the truck in minutes, not days or weeks. Mechanics can perform diagnostic analysis with a simple test light and a hydraulic pressure gauge, no laptop with special programs required.

The Model 900 ECO also operates at 35% lower RPM than the competition, consuming considerably less fuel than traditional designs, adding to your bottom line each year. Perhaps more importantly, lower RPM's equate to less noise emission. Complaints from residents are minimized, and operators enjoy a higher level of safety when they can hear each other and the traffic around them.

So, why has equipment become so complex? Most manufacturers in the sewer cleaning industry have chosen to use CAN Bus communication to control functions via ECU's (Electronic Control Units) on their units. In theory, this technology promises ease of operation and troubleshooting, as well as increased efficiency and productivity. However, in reality, operators are faced with a truck that requires navigation of control menus to perform simple functions, and a truck that mechanics cannot diagnose without specialized training and a laptop equipped with the proper diagnostics program. All things combined, the claim of increased efficiency and productivity quickly dissolves.

Whether you choose your next combination truck based on productivity, reliability, safety, overall value, ease of operation, ease of maintenance or any combination of these traits, the choice is simple: the Model 900 ECO.





MODEL 900



WATER TANK PROFILE: Exclusive
Duraprolene™ construction offers
100% immunity to corrosion and
dents for unparalleled service life and
eliminates the need for draining
during storage. The fully baffled
construction eliminates sloshing and
allows safe travel while full, or
partially full of water.

POWERTRAIN: The most advanced powertrain in the industry, our exclusive "Hydro Drive" powertrain system takes all required power directly from the chassis engine. There is no need for an auxiliary engine, and unlike most other designs, our truck remains in neutral while in work mode, increasing operator peace of mind and safety, as no transfer case is needed.





start up: Operator simplicity begins in the cab. Simply put the truck in neutral and engage the parking brake. That's it! All other jetting and vacuum functions are controlled from the operator interface on the hose reel.



CHASSIS INTEGRATION: Sewer Equipment's only interface between our module and the chassis is via the OEM throttle control port. This intentional lack of integration eliminates problems caused by CAN Bus communication issues between the chassis and module, which are typical on competitor's designs. If this seems like an insignificant detail, please ask for your fleet manager's opinion.

OPERATOR INTERFACE: Going to work is as simple as 1-2-3-4. Simply engage the following switches:

- 1. Work Mode ON
- 2. Water Pump ON
- 3. Blower ON
- 4. Throttle ON

You are now jetting and vacuuming. Compare this to the "rocket ship" controls of other equipment that include touch screens and digital displays. Our easy-to-use and easy-to-understand controls enhance safety and long term reliability, while making an operator's job more pleasant.



Air Flow System The air system is the secret behind our industry leading performance. Our air system is designed to deliver industry leading air movement, while providing the maximum protection for your blower.

The first stage in the air system is the debris tank. Air will enter through the boom and material will impact the deflector plate and start to drop into the tank. The air entering the tank, along with the material, is routed from the single 8" entry point to dual 10" exit points located at each side of the entry. Thus slowing down the air flow and improving material separation.

The second stage of the air system takes the air from the tank and routes it into our cyclone separators. At this point the cyclonic action of these separators propel any remaining material to the side walls and then down into an easily maintained collection box.

In the final stage of the air system, the air moves from the cyclone separators into the dual 10 micron final filters. These washable filters will capture any remaining fine particles still in the air stream before allowing the air to pass through the positive displacement blower.



MODEL 900 ECO COMBINATION TRUCK

Vater System		Truck		Hose Reel & Hose			
old Weather Recirculation System	S	Air Purge Winterization System	0	Front Mounted Telescoping & Rotating			
2.5" Hydrant Fill System	S	Tow Hooks (2)	0	800' x 1" Capacity			
ir Purge Valve	S	Combination Heavy Duty/Ball Pintle Hitch	0	10' Leader Hose			
ariable Volume Delivery	S	Central Lubrication System	0	Single Side Controls	1		
ow Water Warning Light	S	Hydraulic Tool Circuit via Hydraulic	0	Automatic Level Wind			
nalog Pressure Display	S	Diverter Valve	0	with Hydraulic Up/Down Action Hitch	1		
ront and Rear Hand Gun Ports	S	Debris Tank & Rear Door		Digital "SMART COUNTER" Footage Meter			
ill Hose Storage Rack	0	6 Cubic Yard Capacity	S	Secondary Operators Station			
tandard Hydro Excavation Cleaning Kit	0	9 Cubic Yard Capacity	S	Pinch Roller			
old Weather Hydro Excavation Cleaning Kit	0	12 Cubic Yard Capacity	S	Sewer Hose (1" I.D., 2500 PSI Operating			
"Y-Strainer on Inlet Fill System	0	15 Cubic Yard Capacity	S	Pressure) Per Ft			
Anti-Freeze System	0	Debris Level Indicator	S	Sewer Hose (3/4" I.D., 3000 PSI Operating	T		
Vater Pumps		Hydraulic Dump, 50 Degree Dump Angle	S	Pressure) Per Ft			
riplex Plunger Water Pump w/ 30 Minute	s	Dual Ported Rear Door w/ Knife Valve	S	25'x 1"Leader Hose	T		
tun-Dry: 65 GPM @ 2000 PSI Performance	2	Dump Height 60"	S	1000'x 1" Reel Capacity Upgrade	1		
riplex Plunger Water Pump w/ 30 Minute	2	Hydraulic Open/Close/Lock Door	S	Electrical			
un-Dry: 80 GPM @ 2000 PSI	0	Debris Body Pump Off System	0	NEMA 4 Control Panel	T		
riplex Plunger Water Pump w/ 30 Minute		Debris Liquid Level Audible Alarm	0	Hour Meter (Blower & Water Pump)	+		
Run-Dry: 55 GPM @ 3000 PSI	0	Additional 6" Knife Valve on Rear Door		Military Spec. Sealed Switches	+		
ingle Piston 65 GPM @ 2500 PSI Water Pump	0	Complete with Inlet Strainer	0	Wireless Remote Control Pendant	+		
ingle Piston 80 GPM @ 2500 PSI Water Pump	-	Decant Screen on Rear Door	0		+		
accumulator for Single Piston Pump	0		_	Wired Remote Control Pendant W/35' Cord	+		
	U	Positive Pressure Decant System	0	Enhanced Visibility Camera System	÷		
Vater Tanks			0	LED Rotating Beacon	+		
lack Duraprolene Water Tank Construction	S			LED Strobe Light	+		
ase 600 Gallon Capacity Water Tank 6 Yard	S	Hydraulic Powered Boom	S	LED Arrow Board	4		
ase 900 Gallon Capacity Water Tank 9 Yard	S	180 Degree Working Radius	_	LED Arrow Stick	4		
ase 1300 Gallon Black Duraprolene	S	10' Extendable Design	0	LED Panel Mounted Work Light	4		
Vater Tank (debris box saddle) 12 Yard	_	70 Degree Steel Elbow	S	LED Manhole Area Work Light	4		
ase 1500 Gallon Black Duraprolene	s	Telescoping Boom System	S	LED Curbside Body Mounted Work Light			
Vater Tank (debris box saddle) 15 Yard	_	Vacuum System		LED Boom Mounted Work Lights (2)			
dditional 200 Gallon Duraprolene	0	4400 CFM Blower	S	LED Rear Mounted Work Lights (2)	T		
Vater Tank (driver side rail)	Ľ	8"Vacuum Hose System	S	LED Handheld Wireless 12v/110 Rechargeable	2		
Additional 150 Gallons Duraprolene	0	18" Hg Vacuum Rating	S	Accessories			
Vater Tank (between rails) 9 Yard	_	Dual Cyclone Separator	S	(3) 8" X 6' Extension Tubes	T		
Additional 200 Gallons Duraprolene	0	Dual Element 10 Micron Final Filter	S	(1) 8" X 4' Extension Tubes	+		
Vater Tank (between rails) 12 Yard	_	Variable Volume Delivery	S	(1) 6" X 10' Lay Flat Hose"	7		
dditional 250 Gallons Duraprolene	0	Analog Vacuum Display	S	(1) 8" X 6' Crowned Suction Nozzle	+		
Vater Tank (between rails) 15 Yard	_	Remote Vacuum Relief	S	(5) Quick Clamps	+		
Jpgrade Duraprolene Water Tank		5000 CFM Blower Upgrade	0	BB Hose Guide	+		
rom 7yr to 10yr Warranty	0	Toolbox Configurations		Toolbox Configurations	+		
Vater Tank Low Level Audible	0	(1) Alum Toolbox 24" x 36 x 96" - Behind Cab	S	Tri-Star (chisel point) nozzle	+		
Manual & Training		(2) Alum Toolbox 18" x 18" x 30" - Passenger	S	DD (high flow) nozzle	+		
1) Paper Owner's Manual	S	(2) Alum Toolbox 18" x 18 x 24" - Rear	S	Finned Nozzle Extension	+		
Additional Paper Operators Manual	0	(1) Alum Long Handle Storage - Rear	S	Nozzle Rack	+		
d-Rom Operator's Manual	o	Additional 18" x 18" x 30" Aluminum Toolbox	0	25' Fill Hose	+		
On-site Factory Training (1 day)	0	Bumper Mounted Aluminum Tool Box	0	Upstream Pulley Guide	+		
On-site Factory Training (additional per/day)	0	(1) 12" x 12" x 14"		Wash down gun w/ 25' ext. Hose	+		
The state of the s	Ň	Paint (Module)		(1) Fan Nozzle (for Wash down Gun)	+		
		Debris Tank - Boom: Standard White	S	(1) Hydrant Wrench	+		
		Hose Reel - Upright: Sewer Blue	S	LED D.O.T. Approved Lighting	+		
		nose reel - Opriquit, sewer blue	13	LLED D.O.L. ADDROVED LIDINING	1		

Legend Standard

MODEL	DEBRIS CAPACITY	LENGTH	WIDTH	HEIGHT	MAX WATER CAPACITY	AXLE CONFIGURATION	MAX HOSE CAPACITY	HOSE SIZE	MIN HP	BOOM EXTENSION
	6 YARD	33'7"	8'5"	11'10"	800 Gallon	Single Axle	800′	3/4" - 1"	370 HP	10'
T _Q	9 YARD	35′7″	8'5"	11'10"	1350 Gallon	Single Axle	800′	3/4" - 1"	370 HP	10′
00	12 YARD	38'7"	8'5"	11'10"	1700 Gallon	Tandem Axle	800′	3/4" - 1"	370 HP	10'
	15 YARD	41'7"	8'5"	11'10"	1950 Gallon	Tridem or Tandem w/Pusher Axle	800′	3/4" - 1"	370 HP	10'

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MODEL 800 SERIES IV



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REAR DOOR CLOSES AFTER EXTENDING THE JET REEL FOR MAXIMUM HEAT RETENTION

COLD WEATHER WATER RECIRCULATION AT ANY ROAD SPEED

BOILER DELIVERS HOT WATER TO WASHDOWN REEL, LATERAL REEL AND JETTING CIRCUITS

RETRACTABLE CANOPY PROTECTS OPERATORS FROM RAIN AND SUN EXPOSURE

TRIPLEX OR SINGLE PISTON WATER PUMP AVAILABLE

DUAL REELS ALLOW FOR 1" OR 3/4" PRIMARY REEL WITH 5/8" OR 1/2" SECONDARY REEL

WATER CAPACITIES FROM 1000 TO 4500 GALLONS

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