

SEWER EQUIPMENT CO. of AMERICA

**SEWER EQUIPMENT
CO. of AMERICA**



FULL LINE CATALOG

BEST PRODUCTS, BEST LOCAL SUPPORT



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 diesel 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 are made of fully welded $\frac{3}{16}$ " x 2" x 6" steel tubing to 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.

Our stout frames limit flex and sway while towing, and 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 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.

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. For increased corrosion resistance, an aluminum enclosure is also available.

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 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 some 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.

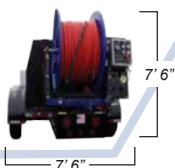
DURAPROLENE® WATER TANK: Many manufacturers choose to build using rotational molding. However at Sewer Equipment, we offer trademarked Duraprolene® tanks. Unlike typical "poly" materials of construction that are rotational molded and non-repairable, our Duraprolene® material can be repaired long after 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.



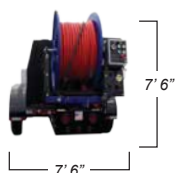
BOX TUBE FRAME: A steel box tube cross section is stronger than a "C" channel cross section and also leads to a stronger and longer lasting frame designed to withstand the strenuous rigors of any application you throw at it. It is for this reason we utilize this concept in all our products and provide 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.

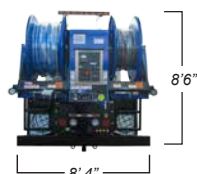
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MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE
545	20'	7'6"	7'6"	700 Gallon	Tandem Axle	1000'	3/4"



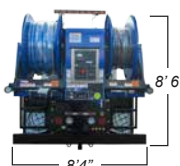
MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE
747	20'	7'6"	7'6"	700 Gallon	Tandem Axle	1000'	1/2" - 1"



MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE
747-TK ECO	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 ECO	21'	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 PTO	26'8"	8'4"	8'6"	1500 Gallon	Single or Tandem Axle	1000'	1/2" - 1"

MODEL 545 & 747 SERIES

	747 CLASSIC	747 CLASSICTK	747 ECO	747 ECOTK	747 ECOTV	747 ECOTVTK	545
Engine & Pump							
56hp Kohler Diesel Engine	S	S					S
74hp Kohler Diesel Engine w/ HD Cooling			S	S	S	S	
Chassis PTO Drive							
Engine Safety Guarding	S	S	S	S	S	S	S
Partial Painted Steel Enclosure							O
Painted Steel Pump & Engine Shroud	S	S	S	S	S	S	
Aluminum Pump & Engine Shroud	O	O	O	O	O	O	
Aluminum Painted Pump & Engine Shroud	O	O	O	O	O	O	
Manual Clutch Engage	S		S		S		S
Hydraulic Clutch Engage	O	S	O	S	O	S	
Fuel Tank - 16 Gallons	S	S	S	S	S	S	S
Chassis Fuel Tank							
Hydraulic Pressure Gauge	O	O	O	O	O	O	O
Hydraulic Tool Circuit	O	O	O	O	O	O	O
Hydraulic Cooler for Continuous Duty	O	O	O	O	O	O	O
Giant 40GPM @ 2000PSI	S	S	S	S	S	S	S
Giant 35GPM @ 3000PSI			O	O	O	O	
Electronic Water On/Off Control	O	O	O	O	O	O	O
Water Midship Manifold							
Water Pump Drain Valves	O	O	O	O	O	O	O
Water Pump Pulsation Valve	O	O	O	O	O	O	
Air Purge	O	O	O	O	O	O	O
Chassis Powered Air Purge (Chassis Dependant)							
Water Tank & Fill							
700 Gallon SuperPoly	S	S	S	S	S	S	S
700 Gallon Duraprolene®	O	O	O	O	O	O	
1000 Gallon Duraprolene®							
1500 Gallon Duraprolene®							
1500 Gallon Duraprolene® Low Profile							
2000 Gallon Duraprolene®							
2500 Gallon Duraprolene®							
3000 Gallon Duraprolene®							
2-½" Fill System	S	S	S	S	S	S	S
Fill Hose Storage Bracket	O	O	O	O	O	O	O
Winterization 26 Gallon Plastic Tank	O	O	O	O	O	O	
Water Tank Access Ladder							
Hose Reel & Hose							
Fixed Reel	O	O	O	O	O	O	O
Swivel Reel	S	S	S	S	S	S	S
800'-¾" Capacity Hose Reel	S	S	S	S			S
1000'-¾" Capacity Hose Reel	O	O	O	O			
800'-1" Capacity Hose Reel							
1000'-1" Capacity Hose Reel							
600'-¾" & 500'-½" Dual Reel	O	O	O	O			
600'-1" & 500'-½" Dual Reel							
500' Umbilical Cord & 1000'-¾" Capacity TV Reel					S	S	
600' Umbilical Cord & 1000'-¾" Capacity TV Reel					O	O	
Washdown w/ 25' Detachable Hose	S	S	S	S	S	S	O
Washdown w/ 50' Reel	O	O	O	O	O	O	O
Reference Counter	O	O	O	O			O
Smart Counter	O	O	O	O	S	S	O
Automatic Level Wind	O	O	O	O	O	O	O
Pendant/Electrical							
No Pendant	S	S	S	S	S	S	S
Wireless Pendant w/ Payout/Retrieve	O	O	O	O	O	O	O
Water Pressure Pendant Display	O	O	O	O	O	O	O
12V Outlet	S	S	S	S	S	S	O
LED Strobe Light	O	O	O	O	O	O	O
LED Flood Light	O	O	O	O	O	O	O
LED Wireless Spotlight	O	O	O	O	O	O	O
LED Arrow Stick	O	O	O	O	O	O	O
LED Arrow Board	O	O	O	O	O	O	O
Compartment Lights	O	O	O	O	O	O	

	747 CLASSIC	747 CLASSICTK	747 ECO	747 ECOTK	747 ECOTV	747 ECOTVTK	545
Trailer Options							
Tandem Torsion 7,000lb Axles	S		S		S		S
Electrical Trailer Brakes	S		S		S		S
Hydraulic Trailer Brakes (Surge Brakes)	O		O		O		
Fixed Jack w/ Footpad	S		S		S		S
Power Jack w/ Footpad	O		O		O		O
Spare Tire Mounted	O		O		O		O
Steel Tandem Round Fenders	S		S		S		S
Tool Storage Options							
Curbside Top Open Aluminum Toolbox	S		S		S		S
Roadside Top Open Aluminum Toolbox	O		O		O		O
Curbside Underbody Aluminum Toolbox		S		S		S	
Roadside Underbody Aluminum Toolbox	O		O		O		O
Curbside Front Open Aluminum Toolbox		O		O		O	
Roadside Front Open Aluminum Toolbox		O		O		O	
Root Cutter Maintenance Box	O	O	O	O	O	O	O
Hose Guide/Washdown Gun/Pulley Guide Storage	O	O	O	O	O	O	O
Cone Holder & Cones	O	O	O	O	O	O	O
Long Handled Tool Storage	O	O	O	O	O	O	
Manuals							
USB Manual	S	S	S	S	S	S	S
Paper Manual	O	O	O	O	O	O	O
Training							
Dixon	O	O	O	O	O	O	O
Customer Location	O	O	O	O	O	O	O
Accessories							
Flushing Nozzle	S	S	S	S	S	S	S
Penetrating Nozzle	S	S	S	S	S	S	S
10' Leader Hose	S	S	S	S	S	S	S
Finned Nozzle Extension	S	S	S	S	S	S	S
Manual Levelwind	S	S	S	S	S	S	S
Nozzle Rack	S	S	S	S	S	S	S
BB Hose Guide	S	S	S	S	S	S	S
Upstream Pulley Guide	S	S	S	S	S	S	S
Air Purge Adapter	S	S	S	S	S	S	S
2-½" x 25' Fill Hose	O	O	O	O	O	O	O
½" Lateral Cart	O	O	O	O	O	O	O
TV Options							
Self-Leveling Color TV Camera					S	S	
4" Jet Pod Skid					S	S	
Color Monitor					S	S	
DVR w/ Removable USB Drive					S	S	
Additional Camera Head					O	O	
Additional 4" Jet Pod (Straight View Camera)					O	O	
6" Jet Pod Skid (Straight View Camera)					O	O	
8" Jet Pod Skid (Straight View Camera)					O	O	
10" Jet Pod Skid (Straight View Camera)					O	O	
12" Jet Pod Skid (Straight View Camera)					O	O	
15" Jet Pod Skid (Straight View Camera)					O	O	
18" Jet Pod Skid (Straight View Camera)					O	O	

Legend	
Standard	S
Optional	O

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800 ECO TRUCK Series IV

The Model 800 ECO truck jet series from Sewer Equipment Co. of America has been the gold standard truck jet by which all others in the industry are measured. The on-going innovation and evolution of this truck has forced others to imitate, but never duplicate, the features that make the Model 800 truly superior.



The 800 Truck Jet series offers a number of different configurations based on the needs of each customer, with the most popular being the Model 800-HPR ECO Series IV. This configuration offers a host of unique design features, making it the most productive, environmentally-friendly and safest truck-mounted jetter on the market.

Maximizing run time is the best way to improve the performance of your cleaning crew, and the 800 Truck Jet is designed with this in mind. A single axle package with 1,500 gallons of standard water capacity provides operators with an easy-to-maneuver footprint while maximizing cleaning footage between water refills. If more is better, our exclusive Duraprolene® water tanks allow capacities of 1,500, 2,000, and 3,000 gallons. With water on board, our climate-controlled shrouded compartment with an 80,000 BTU heater keeps the pump, rear hose reel, and plumbing warm during cold weather applications.

The unique construction of the Duraprolene® tank includes a fully-baffled interior, eliminating dangerous surges of water when stopping or turning with thousands of pounds of water on board. Additionally, the fully-extendable rotating hose reel allows operators to position themselves with minimal exposure to traffic and other potential hazards. For additional safety, operators can option their truck with our wireless remote pendant which provides the operator full control of jetting operations from up to 1,500 feet away.



The exclusive ECO operating system combines with simplicity and efficiency of a PTO hydrostatic pump drive with a power plant that operates at lower RPM than traditional designs. Trucks equipped with ECO options experience less engine wear and lower fuel consumption, saving operators time and money.

One of the greatest dangers facing cleaning crews today is the intrusion of utilities into sewers; particularly natural gas lines. The addition of televising capabilities allow operators to positively identify such obstructions before using aggressive cleaning nozzles or root cutters. Many other options, such as a rear backup camera, various pump configurations, safety lighting packages, wash down system, and toolboxes can be chosen to maximize operator safety and productivity.

Model 800-HPR ECO Series IV Truck Jet

The newest version of the 800 Truck Jet is the Model 800-HPR ECO Series IV, offering all the same features as the 800-HPR ECO but with a host of new options to meet the growing needs of the market, which is an all-weather truck jet. The 800-HPR ECO Series IV comes standard with a full closing rear door while the hose reel is extended, providing maximum heat retention inside the shrouded compartment where vital water components are stored. A retractable canopy protects the operator from sun and inclement weather. The hot water heater delivers hot water to the wash down reel, lateral reel, and jetting circuits for cold weather and grease applications. Additionally, this series offers the ability for winter-time recirculation of the water system at highway speeds.

The dual reel configuration touts two hose reels in one location with the secondary reel allowing for the addition of a televising jet pod or small line sewer hose, giving operators the ability to perform multiple applications using only one truck. The addition of multiple operator stations increases operator efficiency and safety, with one station located between the dual hose reels and a second at midship. While you may be able to find these features and options spread across offerings by various manufacturers, the 800-HPR ECO Series IV is the only truck jet that can deliver them all in a single truck. The 800-HPR ECO Series IV just raised the bar again.

MODEL 800 SERIES

ROTATING HOSE REEL: This unique design allows for storage of the hose reel in the temperature controlled chamber when not in use. During operation, the rear roll-up door opens and the hose reel extends out and is now able to rotate a total of 190 degrees. This allows maximum access to remote manholes, reduces operator fatigue, as well as minimizes operator exposure to "high traffic zones".

CLIMATE-CONTROLLED SHROUDED COMPARTMENT: Our unique, heated enclosure allows safe operation in temperatures well below freezing without worries of damaged pumps or plumbing. With a fully-welded one piece steel or all aluminum construction available, your truck will still look great inside and outside after years of exposure to the elements. Regardless of your climate, the locking roll up doors offer unequaled security for your truck and the equipment you carry to your job site.

ECO OPERATING PLATFORM: Operating at lower RPMs than the competition, the 800-HPR consumes considerably less fuel than traditional designs, adding to your bottom line each year. Perhaps more importantly, low RPMs equate to low noise emissions. Complaints from residents are minimized, and operators recognize a higher level of safety when they can hear each other and the traffic around them.

DURAPROLENE® WATER TANKS: Our exclusive Duraprolene® water tank design has a multitude of benefits. Unlike aluminum or steel, Duraprolene® is 100% immune to long term damage caused by water and deicers, such as magnesium chloride and common road salt. The square design holds more water per linear foot than round tanks, which is a major key to building a truck with a 1,500 gallon standard water capacity that is under 23' in length. With driver safety in mind, each tank is fully baffled to eliminate water surge while turning and stopping.

OPERATOR CONTROL STATION: After simply parking the truck in neutral and engaging the parking brake, all jet functions are controlled from the operator control station via 3 switches moving from left to right:

1. Work Mode - ON
2. Water Pump - ON
3. Throttle - Up/Down

All controls are housed in a NEMA 4 box with washdown rated switches and gauges. All wiring is color coded and each manual contains a wiring diagram specific to your truck's serial number.



800 Series Hose Reel

Sewer Equipment has been a leading manufacturer in the sewer cleaning industry for many years, and when it comes to new equipment technology, we are always developing innovative ways to address the concerns and needs of our customers. Sewer Equipment holds a patent for the extend-

able/retractable hose reel. This feature of our hose reel, paired with its ability to rotate 190 degrees and a number of other features, makes the Model 800-HPR ECO Series IV the best jetting truck for your application.



190 Degree Rotation: The Model 800-HPR ECO Series IV offers a hose reel that rotates 190 degrees and locks at every two inch interval. This allows operators to set up the machine directly facing the manhole, while remaining out of the path of traffic, increasing safety for and effectiveness of the operator.

Extension/Retraction: The hose reel extends in and out of the shroud by means of a hydraulic cylinder, resulting in smooth and reliable movement of the hose reel.

Strong Bearing: Like a house, your hose reel needs a strong foundation. We mount our hose reel on an industrial bearing rated at 5,000 pounds for security and stability.

Hose Reel Construction: Sewer Equipment offers 1½" rolled flanges as standard equipment on all hose reel assemblies in order to eliminate the possibility of the sewer hose being cut while interfacing with the hose reel. This design also increases the structural integrity of the hose reel side.

Automatic Level Wind: Exclusive to Sewer Equipment machines, the automatic level wind provides hydraulic up/down action which allows operators to access hard-to-reach manholes by raising and lowering the level wind to properly align the sewer hose with the manhole. This feature, coupled with the rotating reel, will give any operator better alignment with the manhole.



WHY A JETTING TRUCK WITH TELEVISING CAPABILITIES?

PRODUCTIVITY

Make your truck jet a true multi-purpose piece of equipment. With the 800-HPRTV ECO Series IV, there is no more waiting around for a camera truck and crew when you hit an obstruction in the line. Your operator can utilize the televising capabilities of the 800-HPRTV ECO Series IV to diagnose the issue on the spot and even go so far as document the obstruction or event, depending on the truck platform you choose.

LESS CAPITAL INVESTMENT REQUIRED

No need to purchase a camera truck and jetting truck when you can have two functions in one truck. You will require a smaller crew, as fewer operators are needed to run one truck equipped with both jetting and televising capabilities.

ECO FRIENDLY FOOTPRINT

With the 800-HPRTV ECO Series IV or TV Crew, you can decrease your physical footprint by having only one truck that can perform both televising and jetting functions, and not requiring the use of separate camera truck and jetting truck.

WHICH MODEL IS A FIT FOR YOUR APPLICATION?



MODEL 800-HPRTV ECO Series IV

System: Integral to the 800-HPRTV ECO Series IV, this system is powered by Cues and comes complete with a self-leveling straight-view camera, color monitor, keyboard, footage counter, and a USB flash drive. All components are housed in a weather-rated enclosure, located at the jetting operator station.

Functionality: The 800-HPRTV ECO Series IV platform allows the operator to evaluate a line for blockages, general pipe conditions, and the like. While this system will not replace a fully-equipped camera truck, it will improve your cleaning crew's productivity instantly.

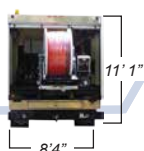


MODEL 800-HPRTV ECO Series IV Crew

System: The "Crew" platform allows you to outfit your jetting truck with the camera system of your choice. We provide a base adjacent to the jet hose on which to mount the system you choose. In addition, the truck can be configured to accommodate an extended cab chassis, which allows the space for your camera operator's mobile office.

Functionality: This platform allows for a level of evaluation beyond that of the HPRTV configuration. Depending on the type of equipment you choose, your operator can not only evaluate line conditions, but can do your PACP documentation using only one unit.

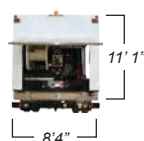
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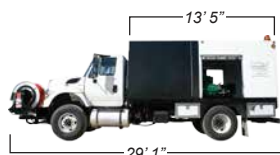
MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE
800-HPR	26' 6"	8' 4"	11' 1"	1500 gallon	Single or Tandem Axle	1000'	1/2" - 1"



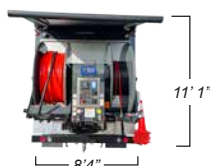
MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE
800-HPRTV	26' 6"	8' 4"	11' 1"	1500 gallon	Single or Tandem Axle	1000'	1/2" - 1"



MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE
800-H	22' 6"	8' 4"	11' 1"	1500 gallon	Single or Tandem Axle	1000'	1/2" - 1"



MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE
800-HF	28' 8"	8' 4"	11' 1"	1500 gallon	Single or Tandem Axle	1000'	1/2" - 1"



MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE
800-HPR Series IV	28' 1"	8' 4"	11' 1"	1500 gallon	Single or Tandem Axle	1000'	1/2" - 1"

MODEL 800 SERIES

	800-H	800-HF	800-HPR	800-HPR TV
Engine & Pump				
Painted Steel Shroud w/ 3 Roll-up Doors	S	S	S	S
Aluminum Shroud w/ 3 Roll-up Doors	O	O	O	O
80,000 BTU Compartment Heater	S	S	S	S
2' Aluminum Fixed Overhead Canopy	O	O	O	O
8' Electric Overhead Canopy	O	O	O	O
Polar Pack Insulation System	O	O	O	O
Winterization System	O	O	O	O
Washdown Gun w/ 25' Hose	S	S	S	S
Washdown Gun w/ 50' Retracting Reel	O	O	O	O
Vanguard Sanitizing System	O	O	O	O
Vaporooter System	O	O	O	O
Lateral Cleaning Kit	O	O	O	O
Lateral Cleaning Kit w/ Variable Rewind	O	O	O	O
System Power				
Hydrostatic Drive VIA Chassis	S	S	S	S
Hydraulic Pressure Gauge	O	O	O	O
Hydraulic Tool Circuit	O	O	O	O
Eco Friendly Hydraulic Oil (ECOTERRA)	O	O	O	O
Pump Options				
Giant 65GPM @ 2000PSI	S	S	S	S
Giant 80GPM @ 2000PSI	O	O	O	O
Giant 80GPM @ 2500PSI	O	O	O	O
Giant 55GPM @ 3000PSI	O	O	O	O
Giant Pulsation System	O	O	O	O
Consolidated Water Drain System	S	S	S	S
Midship Water Manifold System	S	S	S	S
Air Purge Valve	S	S	S	S
Chassis Powered Air Purge System	O	O	O	O
12GPM 420,000 BTU Boiler	O	O	O	O
20GPM 800,000 BTU Boiler	O	O	O	O
Hose Reel Options				
Front Mounted Hose Reel		S		
Rear Mounted Hose Reel	S			S
Fixed Hose Reel	S			
Rotating Reel		S	S	S
Telescoping Reel		S	S	S
700'-1" Capacity Hose Reel	S	S	S	
1000'-1" Capacity Hose Reel	O	O	O	
600'-1" & 600'-¾" Dual Reel			O	
1000'-1" & 1000'-¾" Dual Reel			O	
1000'-1" & TV Crew Platform			O	
500' Umbilical Hose & 700'-1" TV Reel				S
600' Umbilical Hose & 700'-1" TV Reel				O
Manual Level Wind	S	S	S	S
Auto Level Wind	O	O	O	O
Footage Meter (Only w/ Manual Level Wind)	O	O	O	O
Reference Counter	O	O	O	
Smart Counter	O	O	O	S
Water Tank Options				
1000 Gallon Duraprolene®	O	O	O	O
1500 Gallon Duraprolene®	S	S	S	S
2000 Gallon Duraprolene®	O	O	O	O
2500 Gallon Duraprolene®	O	O	O	O
3000 Gallon Duraprolene®	O	O	O	O
1500 Gallon Duraprolene® Low Profile	O	O	O	O
2½" Fill System	S	S	S	S
Fill Hose Storage Rack	O	O	O	O
Tank Access Ladder	O	O	O	O
Storage Options				
Aluminum Underbody Toolboxes (2/Side, 1 Rear)	S	S	S	S
Long Handled Tool Storage	O	O	O	O
Roll-Out Root Cutter Maintenance Box	O	O	O	O
Cone Holder	O	O	O	O
Grease Gun Kit	O	O	O	O
Patriot II Root Cutter Kit	O	O	O	O

	800-H	800-HF	800-HPR	800-HPR TV
Truck Options				
Mudflaps	S	S	S	S
Aluminum Side Skirting	S	S	S	S
Adjustable Spray Bar	O		O	O
Reese Style Hitch (10,000lbs Max)	O	O	O	O
Combination Heavy Duty Ball Hitch (20,000lbs Max)	O	O	O	O
Rear Door Access	O	O	O	O
Rear Backup Camera w/ 7" Monitor	O	O	O	O
Rear Backup Camera w/ Blind Spot Cameras	O	O	O	O
Electrical Options				
Wireless Pendant	O	O	O	O
12V Power Outlet	O	O	O	O
LED Flood Light	O	O	O	O
LED Strobe Light	O	O	O	O
LED Arrow Stick	O	O	O	O
LED Arrow Board	O	O	O	O
Wireless LED Spotlight	O	O	O	O
Compartment Lights	O	O	O	O
Work Light Package (4 LED Flood Lights)	O	O	O	O
Strobe Light Package (8 Flush LED Strobes)	O	O	O	O
Manuals				
USB Manual	O	O	O	O
Paper Manual	S	S	S	S
Training				
Dixon	O	O	O	O
Customer Location	O	O	O	O
Accessories				
Flushing Nozzle	S	S	S	S
Penetrating Nozzle	S	S	S	S
10' Leader Hose	S	S	S	S
25' Leader Hose	O	O	O	O
Finned Nozzle Extension	S	S	S	S
Nozzle Rack	S	S	S	S
BB Hose Guide	S	S	S	S
Upstream Pulley Guide	S	S	S	S
Air Purge Adapter	S	S	S	S
2-½" x 25' Fill Hose	S	S	S	S
Hose Patch Kit	O	O	O	O
Mini Missile Nozzle	O	O	O	O
TV Options				
Self Leveling Color TV Camera				S
4" Jet Pod Skid				S
Color Monitor				S
DVR w/ Removable USB Drive				S
Additional Camera Head				O
Additional 4" Jet Pod (Straight View Camera)				O
6" Jet Pod Skid (Straight View Camera)				O
8" Jet Pod Skid (Straight View Camera)				O
10" Jet Pod Skid (Straight View Camera)				O
12" Jet Pod Skid (Straight View Camera)				O
15" Jet Pod Skid (Straight View Camera)				O
18" Jet Pod Skid (Straight View Camera)				O

Legend	
Standard	S
Optional	O

BEST PRODUCTS, BEST LOCAL SUPPORT



900_{ECO} Truck

Sewer Equipment Co. of America's Model 900 ECO Combination Sewer Cleaner utilizes proven technologies to deliver a machine with simplicity that is unequalled in the industry. As with our leading 747-FR2000 ECO Trailer Jetter and Model 800-HPR ECO Series IV 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!

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 the 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 SERIES



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.



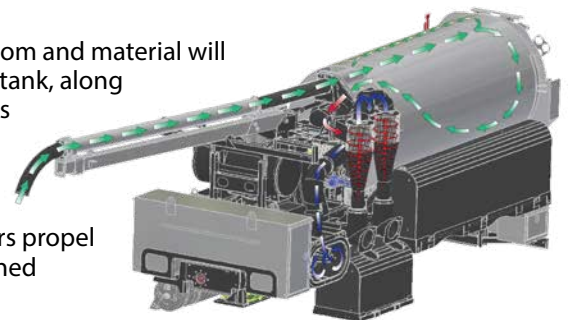
Air Flow System

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.

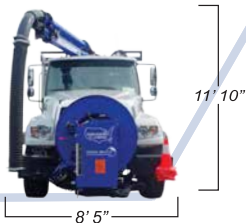
The first stage in the air system is the debris tank. Air will enter through the boom and material will impact the deflector plate and start to drop into the tank. The air entering the tank, along with the material, is routed from the single 8" entry point to dual 10" exit points located at each side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

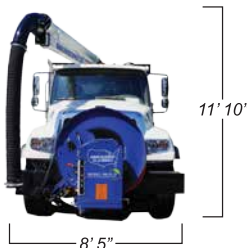
In the final stage of the air system, the air moves from the cyclone separators into the dual 10 micron final filters. These washable filters will capture any remaining fine particles still in the air stream before allowing the air to pass through the positive displacement blower.



BEST PRODUCTS, BEST LOCAL SUPPORT



MODEL	DEBRIS CAPACITY	LENGTH	WIDTH	HEIGHT	MAX WATER CAPACITY	AXLE CONFIGURATION	MAX HOSE CAPACITY	HOSE SIZE	MIN HP	BOOM EXTENSION
6 YRD	6 YARD	33' 7"	8' 5"	11' 10"	800 gallon	Single Axle	800'	3/4" - 1"	370 HP	10'



MODEL	DEBRIS CAPACITY	LENGTH	WIDTH	HEIGHT	MAX WATER CAPACITY	AXLE CONFIGURATION	MAX HOSE CAPACITY	HOSE SIZE	MIN HP	BOOM EXTENSION
9 YRD	9 YARD	35' 7"	8' 5"	11' 10"	1400 gallon	Single Axle	800'	3/4" - 1"	370 HP	10'



MODEL	DEBRIS CAPACITY	LENGTH	WIDTH	HEIGHT	MAX WATER CAPACITY	AXLE CONFIGURATION	MAX HOSE CAPACITY	HOSE SIZE	MIN HP	BOOM EXTENSION
12 YRD	12 YARD	38' 7"	8' 5"	11' 10"	1750 gallon	Tandem Axle	800'	3/4" - 1"	370 HP	10'



MODEL	DEBRIS CAPACITY	LENGTH	WIDTH	HEIGHT	MAX WATER CAPACITY	AXLE CONFIGURATION	MAX HOSE CAPACITY	HOSE SIZE	MIN HP	BOOM EXTENSION
15 YRD	15 YARD	41' 7"	8' 5"	11' 10"	2100 gallon	Tridem or Tandem w/ Pusher Axle	800'	3/4" - 1"	370 HP	10'



Model 900-CB ECO available in 6, 9, 12, or 15 yard configuration.

MODEL 900 SERIES

Water System		Truck	Hose Reel & Hose		
Cold Weather Recirculation System	S	Air Purge Winterization System	O	Front Mounted Telescoping & Rotating	S
2.5" Hydrant Fill System	S	Tow Hooks (2)	O	800' x 1" Capacity	S
Air Purge Valve	S	Combination Heavy Duty/Ball Pintle Hitch	O	10' Leader Hose	S
Variable Volume Delivery	S	Central Lubrication System	O	Single Side Controls	S
Low Water Warning Light	S	Hydraulic Tool Circuit via Hydraulic	O	Automatic Level Wind	S
Analog Pressure Display	S	Diverter Valve	O	with Hydraulic Up/Down Action	S
Front and Rear Hand Gun Ports	S	Debris Tank & Rear Door		Standard Analog Footage Meeter	S
Fill Hose Storage Rack	O	6 Cubic Yard Capacity	S	Digital "SMART COUNTER" Footage Meter	O
Standard Hydro Excavation Cleaning Kit	O	9 Cubic Yard Capacity	S	Secondary Operators Station	O
Cold Weather Hydro Excavation Cleaning Kit	O	12 Cubic Yard Capacity	S	Pinch Roller	O
2" Y-Strainer on Inlet Fill System	O	15 Cubic Yard Capacity	S	Sewer Hose (3/4" I.D., 3000 PSI Operating Pressure) Per Ft	O
Anti-Freeze System	O	Debris Level Indicator	S	Sewer Hose (1" I.D., 2500 PSI Operating Pressure) Per Ft	O
Water Pumps		Hydraulic Dump, 50 Degree Dump Angle	S	Sewer Hose (1-1/4" I.D., 2500 PSI Operating Pressure) Per Ft	O
Triplex Plunger Water Pump w/ 30 Minute Run-Dry: 65 GPM @ 2000 PSI	S	Dual Ported Rear Door w/ Knife Valve	S	Sewer Hose (1-1/4" I.D., 2500 PSI Operating Pressure) Per Ft (1000' Reel Recommended)	O
		Dump Height 60"	S	25' x 1" Leader Hose	O
Triplex Plunger Water Pump w/ 30 Minute Run-Dry: 80 GPM @ 2000 PSI	O	Hydraulic Open/Close/Lock Door	S	1000' x 1" Reel Capacity Upgrade	O
		Debris Body Pump Off System	O	Electrical	
Triplex Plunger Water Pump w/ 30 Minute Run-Dry: 55GPM @ 3000 PSI	O	Debris Liquid Level Audible Alarm	O	NEMA 4 Control Panel	S
		Additional 6" Knife Valve on Rear Door	O	Hour Meter (Blower & Water Pump)	S
*Triplex Plunger Water Pump w/ 30 Minute Run-Dry: 100 GPM @ 2500 PSI	O	Decant Screen on Rear Door	O	Military Spec. Sealed Switches	S
		Debris Inlet Water Misting System	O	Wireless Remote Control Pendant	O
*Triplex Plunger Water Pump w/ 30 Minute Run-Dry: 120 GPM @ 2000 PSI	O	Positive Pressure Decant System	O	Wired Remote Control Pendant W/35' Cord	O
		Boom		Enhanced Visibility Camera System	O
Single Piston: 65 GPM @ 2500 PSI Pump	O	Hydraulic Powered Boom	S	LED Rotating Beacon	O
Single Piston: 80 GPM @ 2500 PSI Pump	O	180 Degree Working Radius	S	LED Strobe Light (2, 4, and 6 Sets Available)	O
*Single Piston: 100 GPM @ 2500 PSI Pump	O	10' Extendable Design	O	LED Premium Strobe Package	O
Accumulator for Single Piston Pump	O	Heavy Duty 70 Degree Steel Elbow	S	LED Arrow Board	O
* = Chassis Requirements		Telescoping Boom System	S	LED Arrow Stick	O
Water Tanks		Vacuum System		LED Manhole Area Work Light	O
Black Duraprolene Water Tank Construction	S	4400 CFM Blower	S	LED Curbside Body Mounted Work Light	O
Base 600 Gallon Capacity Water Tank 6 Yard	S	8" Vacuum Hose System	S	LED Boom Mounted Work Lights (2)	O
Base 900 Gallon Capacity Water Tank 9 Yard	S	18" Hg Vacuum Rating	S	LED Rear Mounted Work Lights (2)	O
Base 1300 Gallon Black Duraprolene® Water Tank (debris box saddle) 12 Yard	S	Dual Cyclone Separator	S	LED Handheld Wireless 12v/110 Rechargeable	O
Base 1500 Gallon Black Duraprolene® Water Tank (debris box saddle) 15 Yard	O	Dual Element 10 Micron Final Filter	S	Accessories	
Additional 200 Gallon Duraprolene® Water Tank (driver side rail)	O	Variable Volume Delivery	O	(3) 8" X 6' Extension Tubes	S
		Analog Vacuum Display	S	(1) 8" X 4' Extension Tubes	S
Additional 150 Gallons Duraprolene® Water Tank (between rails) 9 Yard	O	Remote Vacuum Relief	S	(1) 6" X 10' Lay Flat Hose"	S
		5000 CFM Blower Upgrade	O	(1) 8" X 6' Crowned Suction Nozzle	S
Additional 200 Gallons Duraprolene® Water Tank (between rails) 12 Yard	O	5400 CFM Blower Upgrade	O	(5) Quick Clamps	S
		Toolbox Configurations		BB Hose Guide	S
Additional 250 Gallons Duraprolene® Water Tank (between rails) 15 Yard	O	(1) Alum Toolbox 24" x 36 x 96" - Behind Cab	S	Toolbox Configurations	S
		(2) Alum Toolbox 18" x 18" x 30" - Passenger	O	Tri-Star (chisel point) nozzle	S
Upgrade Duraprolene® Water Tank From 7yr to 10yr Warranty	O	(2) Alum Toolbox 18" x 18 x 24" - Rear	O	DD (high flow) nozzle	S
		(1) Alum Long Handle Storage - Rear	O	Finned Nozzle Extension	S
Water Tank Low Level Audible	O	Additional 18" x 18" x 30" Aluminum Toolbox	O	Nozzle Rack	S
		Bumper Mounted Aluminum Tool Box	O	25' Fill Hose	S
		(1) 12" x 12" x 14"	O	Upstream Pulley Guide	S
Manual & Training		Paint (Module)		Wash down gun w/ 25' ext. Hose	S
(1) Paper Owner's Manual	S	Debris Tank - Boom: Standard White	S	(1) Fan Nozzle (for Wash down Gun)	S
Additional Paper Operators Manual	O	Hose Reel - Upright: Sewer Blue	S	(1) Hydrant Wrench	S
CD-ROM Operator's Manual	O	All Other Colors (all colors except metallics)	O	LED D.O.T. Approved Lighting	S
On-Site Factory Training (1 Day)	O			(6) 18" D.O.T. Safety Cones and Holder	S
On-Site Factory Training (Additional per/Day)	O				

Legend

StandardS

Legend	
Standard	S
Optional	O



JAJ-600 Series

Are certain sewer pipes in your community neglected due to hard to reach manholes? Do your maintenance crews have to manually drag hoses across easements or do they cause damage to yards, golf courses or environmentally-sensitive areas when trying to get their trucks close enough to service these remote

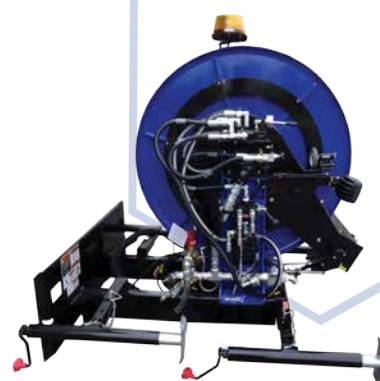
lines? If this is the case, a Sewer Equipment Company of America easement machine would be an invaluable asset to your fleet. Offered in two configurations, the JAJ-600WH (extendable track) and JAJ-600SK (skid mounted) units extend the reach of your sewer jetting truck or trailer by 500 feet or more and reduce sewer overflows by easing maintenance tasks.



The JAJ-600WH is driven by a Honda V-twin engine on a hydro-statically powered tread drive platform. This simple design eliminates drive chains and sprockets, and provides clean and quiet operation. Obstacles that leave wheel drive units spinning, such as small logs, rocks, creeks, hills, curbs, stairs, sand, mud, and snow, are all easily traversed by the JAJ's tread drive system while pulling your jet hose to the manhole. While offering tremendous traction, rubber tracks distribute weight evenly and limit ground pressure to only four pounds per square inch; the same standard applied to golf course maintenance equipment.

Standard features for the tread drive unit includes skid steering with dual joystick controls, safety pressure relief valve, 180° rotating safety reel and a 5GPM/10GPM hydraulic tool circuit for powering bypass pumps and hydraulic saws. Available options include automatic level wind with hydraulic up/down action, safety lights, work lights, tandem transport trailer, and more.

The JAJ-600WH has the ability to fit through standard 36" gates while offering superior lateral stability off road with tracks that hydraulically extend from 34" to 46" in seconds.



EASEMENT MACHINES

ROTATING HOSE REEL: For safety and ease of use, our reel rotates 180° and can lock every two inches allowing operators to position the machine directly facing the manhole. This is important because although the Work Horse is extremely maneuverable, there may be applications and environments where it is more difficult to position directly over the manhole. It also reduces the need for turning on wet ground.



ALUMINUM CONSTRUCTIONS:

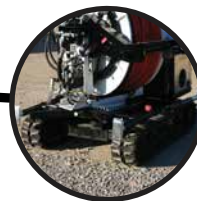
Excessive weight is the enemy of all equipment. We go to great pains to make our easement machines as light as possible in order to offer some of the lowest ground pressure ratings in the industry. Whether it is our Workhorse or Skid model, no other manufacturer in the market offers the combination of stability and light weight.



AUTOMATIC LEVEL WIND: This unique option allows for "hands free" winding of the sewer hose on the hose reel without the operator touching the sewer hose. This option will incorporate a drive system, which scrolls a pivoting four roller head back and forth across the hose reel for proper winding of sewer hose onto reel. The system is equipped with a hydraulic-controlled elevation system, which incorporates dual cylinders and a pivot arm to raise and lower the level wind guide depending on the location of the manhole. Level Wind raises and lowers a minimum of 45 degrees.



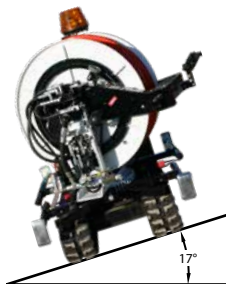
TRACK DRIVE SYSTEM APPROACH: All of our units utilize the "caterpillar type" independently suspended track system exclusively. Wheels with rubber tracks over the top may look similar but are anything but similar in practice. This system allows for superior weight distribution and thus minimal damage to the turf you are operating on. In addition, we also offer a system in which these tracks expand outward in order to give you a more stable stance on all terrains while allowing for entrance into the narrowest of access points.



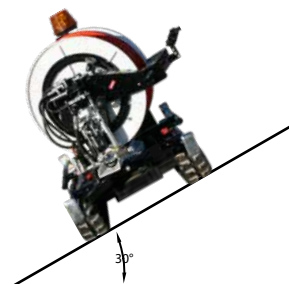
SEWER EQUIPMENT
CO. OF AMERICA

Extendable Track System

The best part of the Work Horse track system is that it is extendable. The 9 inch wide tracks extend hydraulically from 34 inches to 46 inches and can be set at any distance in between. This allows the work horse to travel through a 36 inch gate - then extend the tracks out so stability is increased as it travels over inclines. When the tracks are extended to 46 inches, the Work Horse improves its approximate angle of balance from 17° to 30°.

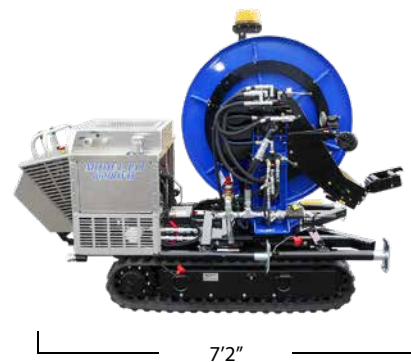
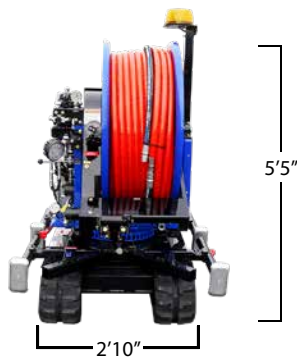


Retractable Position
34" Width

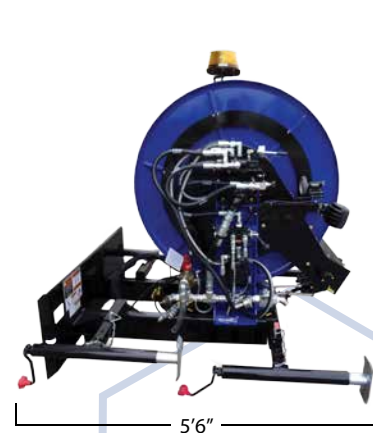
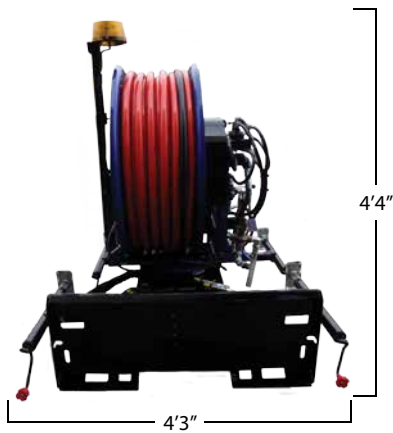


Track Extended
46" Width

BEST PRODUCTS, BEST LOCAL SUPPORT



MODEL	LENGTH	WIDTH	HEIGHT	MIN HP	HYDRAULIC REQUIREMENT	MAX HOSE CAPACITY	TRACK WEIGHT DISTRIBUTION
JAJ-600WH	7'2"	2'10"	5'5"	24hp	10gpm @ 2000psi	1" x 600'	3.4 PER sq in




MODEL	LENGTH	WIDTH	HEIGHT	MOUNTING STANDARD	HYDRAULIC REQUIREMENT	MAX HOSE CAPACITY
JAJ-600SK	5'6"	4'3"	4'4"	SAE-J2S13	10gpm @ 2000psi	1" x 600'

EASEMENT MACHINES

JAJ-600WH JAJ-600SK		
Power System		
Gas powered, Hydraulically Driven	S	
Dual Independent Extendable Tracks	S	
Skid Style Steering	S	
Dual Hydraulic Tool Circuit 5 or 10 GPM	S	
Universal Mounts to Skid Steer		S
Includes - Aux. Hydraulics circuit with 10 GPM @ 2,500 PSI	S	
Requires - Aux. Hydraulics circuit with minimum 10 GPM @ 2,500 PSI		S
Hose Reel		
Rotating Safety Hose Reel	S	S
600' x 1" Sewer Hose Capacity or 1000' x 3/4" Sewer Hose Capacity	S	S
Pressure Relief Valve	S	S
Hose Reel Variable Speed Control	S	S
Automatic Level Wind (Limit hose to 500' of 1" or 700' of 3/4")	O	O
Digital Smart Counter (Footage Counter)	O	O
Mechanical Footage Meter (On Jet Hose Reel)	O	O
Mechanical Footage Meter (On Manual Level Wind)	O	O
Sewer Hose 1" 2,500 PSI	O	O
Sewer Hose 1" 3,000 PSI	O	O
Sewer Hose 3/4" 2,500 PSI	O	O
Sewer Hose 3/4" 3,000 PSI	O	O
Accumulator (for single piston pumps)	O	O
Pinch Roller	O	O
Outriggers (four)	O	O
Lighting		
LED Floodlight	O	
LED Rotating Beacon	O	
LED Strobe Light	O	
12 Volt Power Outlet	O	
Handheld Wireless Spotlight	O	O
Features		
10' Leader Hose	S	S
25' x 1" Leader Hose	O	O
25' x 3/4" Leader Hose	O	O
Hydraulic Pressure Gauge	S	S
Water Pressure Gauge	S	S
Hour Meter	S	
Paper Operator Manual	S	S
USB Operator Manual	O	O
Patriot Root Cutter Kit	O	O
Transport Trailer		
8' x 12' Tandem Axle 7,000lbs GVWR	O	
Hydraulic Surge Brakes	O	
Aluminum Toolbox, tongue-mounted	O	

Legend	
Standard	S
Optional	O



SEWER EQUIPMENT CO. of AMERICA

Part No. 92942-01-X, revised 03/2023
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Actual projects may not be an exact match to product as shown.

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