

# SEWER EQUIPMENT CO. of AMERICA

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**MODEL 800 SERIES IV**

# BEST PRODUCTS, BEST LOCAL SUPPORT



## 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-manuever 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 tuck. 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.

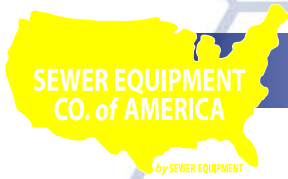
**ECO OPERATING PLATFORM:** Operating at lower RPMs than the competition, the 800-HPR consumes considerably less fuel than traditional designs, adding to your bottom line each year. Perhaps more importantly, low RPMs equate to low noise emissions. Complaints from residents are minimized, and operators 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 extendable/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.



# MODEL 800 SERIES

## WHY A JETTING TRUCK WITH TELEVISIONING 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.

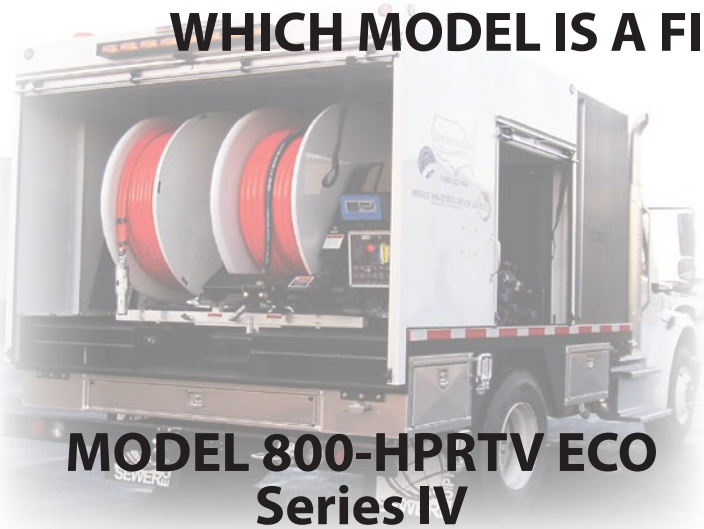
### LESS CAPITAL INVESTMENT REQUIRED

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.

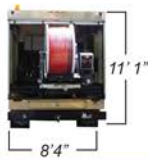


**MODEL 800-HPRTV ECO Series IV Crew**

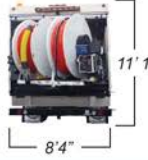
**System:** The "Crew" platform allows you to outfit your jetting truck with the camera system of your choice. We provide a base adjacent to the jet hose on which to mount the system you choose. In addition, the truck can be configured to accommodate an extended cab chassis, which allows the space for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

# BEST PRODUCTS, BEST LOCAL SUPPORT



MODEL	LENGTH	WIDTH	HEIGHT	STANDARD WATER CAPACITY	AXLE CONFIGURATIONS	MAX HOSE CAPACITY	HOSE SIZE
<b>800-HPR</b>	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
<b>800-HPRTV</b>	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
<b>800-H</b>	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
<b>800-HF</b>	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
<b>800-HPR Series IV</b>	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
<b>Engine &amp; Pump</b>				
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
<b>System Power</b>				
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
<b>Pump Options</b>				
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
<b>Hose Reel Options</b>				
Front Mounted Hose Reel		S		
Rear Mounted Hose Reel	S		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
<b>Water Tank Options</b>				
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
<b>Storage Options</b>				
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
<b>Truck Options</b>				
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
<b>Electrical Options</b>				
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
<b>Manuals</b>				
USB Manual	O	O	O	O
Paper Manual	S	S	S	S
<b>Training</b>				
Dixon	O	O	O	O
Customer Location	O	O	O	O
<b>Accessories</b>				
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
<b>TV Options</b>				
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



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