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**CAMEL**<sup>®</sup>  
sewer and catch basin cleaners

**ONE VEHICLE  
ONE SOLUTION!**



**THE WORLD'S MOST ADVANCED SEWER AND  
CATCH BASIN CLEANING SYSTEM**

Super Products, the world's leading manufacturer of Sewer and Catch Basin cleaning equipment presents the powerful **Camel 200**.

There simply is no comparison with any other unit available today. The design and detail of the Camel Series make it one of the most versatile and dependable sewer and catch basin cleaners on the market. And, the impressive new design features from Super Products usher in a new level of innovation and performance for all municipal and contractor applications.



**Super Products**  
*Worldwide Vacuum Technology*  
Since 1973

## OUTSTANDING FEATURES - Designed with Your Needs in Mind



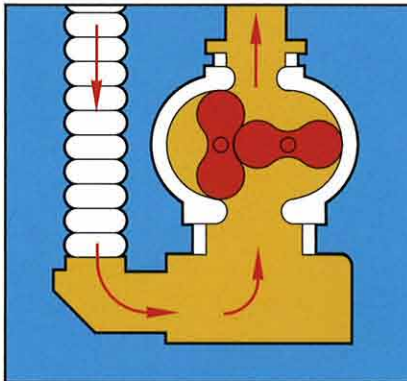
**Hose Reel (mid-ship)** - Mid-mounted, self-aligning hydraulically driven, heavy-duty, sewer hose reel with a capacity of up to 800' (243.8m) of 1" (25.4mm) sewer hose. Optional hose reel tensioning and automatic level wind systems make this the easiest reel to operate and most productive unit available.



**Hose Reels (front-mounted)** - Three front-mounted hose reel systems – an economical front-fixed hose reel, a 180° manual rotating hose reel, and our 180° hydraulic articulating hose reel. All front-mounted reels are available with capacities up to 1000' (304.8m) of 1" (25.4mm).



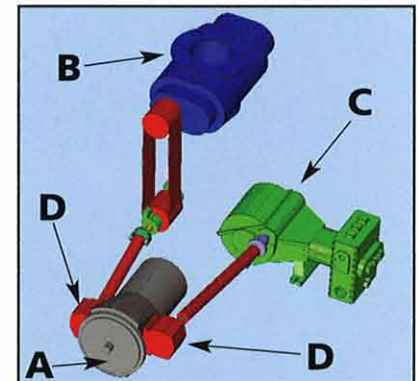
**Debris Unloading (two methods)** - The standard tip-to-dump method raises the body up to a 50° angle with a telescopic hydraulic cylinder. The second method discharges the payload via a full diameter hydraulically-operated ejector plate, offering maximum solid/liquid separation and complete removal of all material from the collector body without the need to raise it.



**Positive Displacement Vacuum Pump** - Pioneered and developed by Super Products, the use of a positive displacement vacuum pump insures maximum vacuum and air flow at all engine speeds and allows material to be vacuumed above or below the surface.



**Triplex Water Pump** - This water system utilizes continuous flow and pressure. A positive displacement triplex water pump produces smooth-acting, surge-free flow and pressure for maximum cleaning and reduced fatigue on the water system.



**Single Engine Drive** - Unique design allows vacuum, water and hydraulic pump to operate while transmission is in NEUTRAL. Two 10-Bolt Hot Shift PTOs (D) are mounted to the Allison transmission (A) with one direct driving the water pump (C) and the other driving the vacuum pump (B). Split shaft transfer case drive is also available.



**Waste Water Recycling System** - The original – and still the best – waste water recycling system available in the market today. Simply fill the system with fresh water and, true to its name, the Camel will allow you to work all day without the need to replenish the water supply.



**Super Pak** - Utilizing the ejector unloading system allows you to dewater excess liquid using the 6" (152.4 mm) drain from the collector body. Removing the liquids creates additional capacity for the waste solids and means fewer trips to dump site which increases your overall productivity.

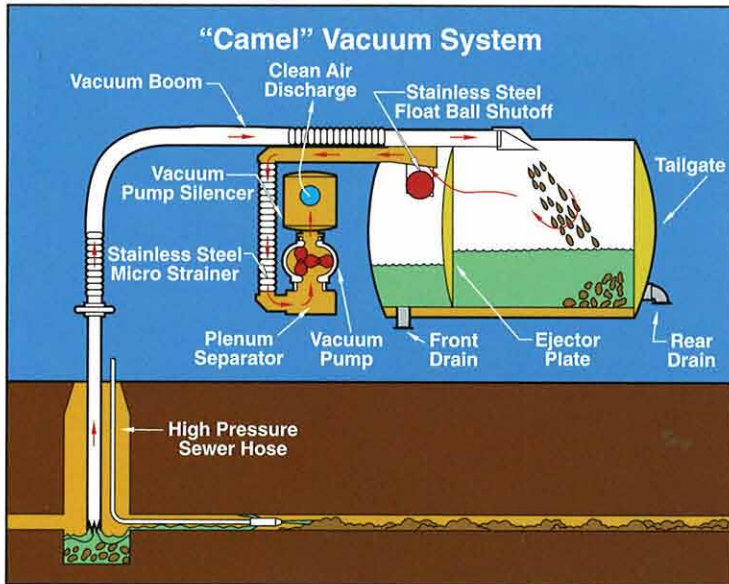


**Hydro Excavating Options** - Turn your combination sewer and catch basin cleaning unit into the most versatile piece of equipment in your fleet. Water heaters, cartridge filters, dig tubes and specially designed water lances turn your combination unit into a powerful hydro excavating unit.

# UNPARALLELED VACUUM AND WATER SYSTEM DESIGN INNOVATIONS

**Camel Vacuum System** - As back-flushed debris is vacuumed from the manhole, water and solids are retained by the collector body. Liquid is separated from debris by the ejector plate and removed via the front body drain. The air passes through a stainless steel micro-strainer and plenum separator. The Camel Vacuum System utilizes a rotary lobe positive displacement "roots" type vacuum pump. The pump positively displaces a certain amount of air per revolution making it possible to vacuum above or below the surface. Two figure eight shaped lobes, rotating in opposite directions, move entrapped air around the case to the outlet port where clean air is exhausted into the atmosphere. The positive displacement vacuum pump combines high vacuum levels and CFM to give you the most effective system available.

With the Camel 200 Series' revolutionary positive displacement vacuum system, you get the best of all worlds in conveying material. And, no material is ever too deep or too far away from the unit.



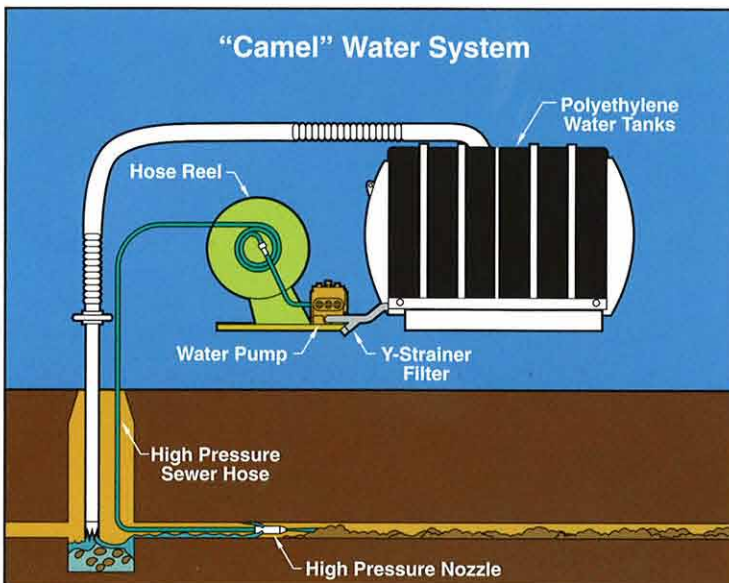
## The Versatility of Three Systems in One!

The flexible Camel 200 Series offers three different modes of conveying material:

**Air Conveyance** - Like a centrifugal fan, the air conveyance mode moves material with air. With this method, air must be present to convey material.

**Pure Vacuum** - The pure vacuum mode moves material with vacuum similar to a vane type pump used in septic tank units. This method moves material without air conveyance.

**Fluidizing Tube** - A combination of both methods, the Fluidizing Tube removes material from beneath the liquid surface by pure vacuum, then injects air into the system to carry material into the collector body via air conveyance.



**Camel Water System** - Water tanks on the Camel 200 Series are constructed of 3/8" non-cross linked rotationally-molded polyethylene with ultraviolet stabilizer. The water tank modules uniformly surround the collector body, and are comprised of 250 gallon sections with 4" interconnects for quick filling. The water tank fill system includes a 4" air gap, anti-siphon system, sight tubes on both sides, inspection ports on top of each tank and 2-1/2" x 25' fill hose.

The Camel's water system also features an exclusive positive displacement triplex design. The triplex water pump provides smooth-acting, surge-free operation, and delivers constant pressure and flow at any speed. Located above the frame, the water pump is easily accessible for routine maintenance and safely away from potential road hazards. The hydraulically-controlled sewer hose reel feeds the hose into the sewer, back flushes the material, then vacuums it up.

# ONE VEHICLE, ONE SOLUTION – The Camel 200 – Your Maintenance Solution to Sewer and Catch Basin Cleanup



Like to learn more about the Camel 200?  
Visit our web site [www.superproductscorp.com](http://www.superproductscorp.com)

Tailgate is secured by a manual latch system or an optional hydraulic over-center latch system.

Full diameter ejector unloading system completely and safely removes all debris from collector body with minimal cleanup and the internal body flush-out system makes this cleanup fast and easy at the dumpsite. Automatic stainless steel body level shut-off float system prevents overfilling collector body. Dump body unloading systems are available with a hydraulic lift angle of 50°. All controls for discharging debris located behind the driver's side of chassis cab.

Hydraulic boom with 210° rotation, vertical lift up to 16' (4.88m) and lifting capacity up to 1000lbs. (454 kg). Both 6" (152.4mm) I.D. and 8" (203.2mm) I.D. vacuum systems are available with extra long radius heavy duty steel elbow. Hydraulic boom extensions of 5' (1.53m) and 8' (2.44m) are available with a true telescopic tube inside tube design.

Rugged aluminum tubing with storage of up to 48' (14.6m) on rear door. Optional hydraulic fold down rack available.

Construction of water tanks is 3/8" (9.5mm) rotationally molded polyethylene with ultraviolet stabilizer. Water tank capacities up to 2000 gallons (7,570L). Collector body constructed of a full 1/4" (19mm) abrasion resistant steel designed to withstand vacuum levels of 367" (9322mm) of water. Collector body capacities available in:

- 6.5 cu. yd. (4.9m<sup>3</sup>)
- 10.8 cu. yd. (8.2m<sup>3</sup>)
- 16 cu. yd. (12.2m<sup>3</sup>)

Positive displacement vacuum pump provides high airflows along with high vacuum levels for removing materials above and below liquid surfaces. Continuous flow and pressure positive displacement triplex water pump.

Super Pak dewatering and compaction system for increased productivity, dryer payloads and lower disposal costs. 6" (152.4mm) rear and 6" (152.4mm) front gravity drains provide for maximum excess liquid removal.

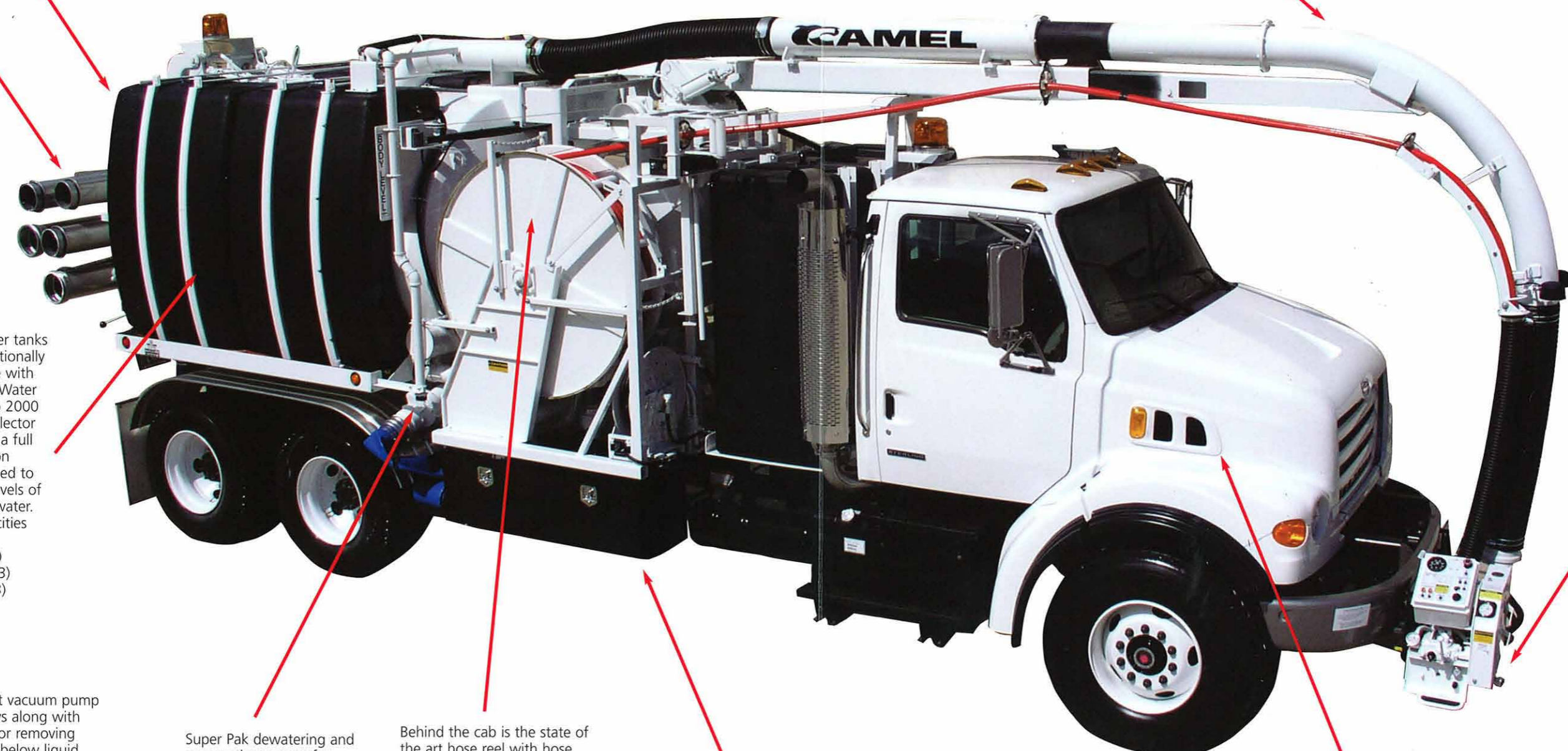
Behind the cab is the state of the art hose reel with hose tensioning and automatic level wind systems. Front mounted hose reel also available.

Customize your own storage for tools and accessories with a wide selection of different sized storage boxes.

Single engine design offers lower sound levels, reduced maintenance and less fuel consumption. The Camel 200 PTO drive system efficiently powers vacuum, water and hydraulic pumps.

Operating the Camel 200 is easy and safe with the front-mounted control console. You can operate:

- Water & vacuum pumps
- PTO on/off switches
- Water flow control valves
- Electric engine throttle
- Water pressure gauge
- Reel directional valve
- Reel speed control
- Water pressure gauge
- Pendant and handgun connections



Note: Not all items shown are standard equipment