

CAMEL[®] I200



12 YARD SEWER AND CATCH BASIN CLEANER



800.837.9711 • www.superproductsllc.com

OUTSTANDING FEATURES, UNIQUE CAPABILITIES

A SINGLE-ENGINE DESIGN

- Lighter weight unit design capable of carrying large payloads
- Up to 40% reduction in fuel usage compared to dual-engine units
- 15% lower operating rpm than other single-engine units

B FRONT-MOUNTED CONTROL PANEL

- Color digital monitor displays sewer hose footage count and offers 10 bank memory
- Six panel rocker control setup engages vacuum/dump-mode, vacuum booster, vent door, winter recirculation and boom lights
- LED panel lights enables readability in dark environments

C WATER TANKS

- Total water capacity of 1500 gallons
- Constructed of non-cross linked polyethylene, a repairable material if tank is ever damaged
- 4" rear mounted, stainless-steel crossover enables quick filling of tanks. Replenish 1500 gallon water supply in less than 10 minutes!

D WATER PUMP

- Double-acting, single piston hydraulic-powered water pump offers 1:1 oil to water ratio and rated design capacity of 100 gpm and 3000 psi continuous duty
- Heavy-duty industrial, cast iron groove-lock water piping for maximum durability and long lasting life
- Nitrogen-charged accumulators with on/off valve allow operators to selectively activate blockage busting feature
- For easy serviceability, pump does not have to be removed from chassis and requires only three seals for reassembly

E FRONT-MOUNTED HOSE REEL

- 180° manual rotation facilitates manhole entry and reduces traffic flow interruption. Rotation occurs between the headlights and in a centered position at all times, keeping the operator out of traffic
- Reel capacity of 1000' of 1" hose or 600' of 1 ¼" hose
- For improved water flow efficiency, 1 ¼" plumbing from water pump to reel core
- In addition to using the joy stick, a wireless remote can rotate the reel. Combined with the hands-free automatic level wind system, the wireless remote makes for the easiest front-reel unit to operate on the market today

F VACUUM SYSTEM

- 18" to 27" hg; 3500 to 6000 cfm
- Low-maintenance vacuum pump direct shaft driven from transfer case without use of belts, poly chains or intermediate hydraulic or hydrostatic systems. Efficiently transfers engine horse power to vacuum system
- Lower operating rpm results in lower dba levels
- Heavy-duty, industrial-size cyclone separator located between positive displacement vacuum pump and debris tank with a 16" diameter clean-out door for easy maintenance. Cyclone has 2012 cubic inch internal operating size and separates down to 50 micron

G POWER BOOM

- 8" vacuum system with a heavy-duty, channel-reinforced elbow for maximum durability. For easy replacement, the boom elbow is bolted
- Boom offers 26' reach from centerline of unit; 250° hydraulic worm gear rotation, lockable in any position; 21' (44°) vertical lift; and 3' (19°) downward pivot from horizontal position
- 8' hydraulic boom extension is a true telescoping "tube inside of tube" design extends and retracts without affecting vertical position of working end. Boom structural support tubes are equipped with ultra high-density polyethylene slides to reduce friction and do not require grease lubrication

H DEBRIS COLLECTOR BODY

- Total debris capacity of 12 cubic yards
- Cylindrical-shaped body constructed of abrasion and corrosion-resistant 1/4" Exten steel for added strength
- Four mechanical, wedge-style, hydraulically-operated tailgate latches secure rear debris tank door. Latching is accomplished by single hydraulic cylinder with mechanical linkage, separate from door open-close cylinders. Designed so tailgate will not open if hydraulic power is lost
- Dual make/break connection between debris inlet pipe and boom will compensate for uneven road and ground conditions by way of spring loaded and gasketed mating plates –no more drips and dribbles down the front of tank
- Debris inlet pipe constructed of heavy-duty 3/8" thick AR steel bolted to the debris tank and can be replaced without cutting or welding to replace

I DEBRIS BODY UNLOADING

Ejection – Tilt

- Ejector plate unloading system safely and effectively removes all debris from collector body
- Internal body flush-out system makes cleanup fast and easy at the dump site
- Ejection system requires no high-angle elevation of the debris tank to dump the load which reduces the chance of hitting overhead obstructions
- Ejector plate acts as a baffle to reduce load sloshing during transit and enables outstanding debris/water separation for the draining of excess liquid
- Body-tilt feature enables unloading the unit where the front of the truck is in a nose-down position, the forward section of the debris tank can raise 24" to assist in cleanout

Body Dump

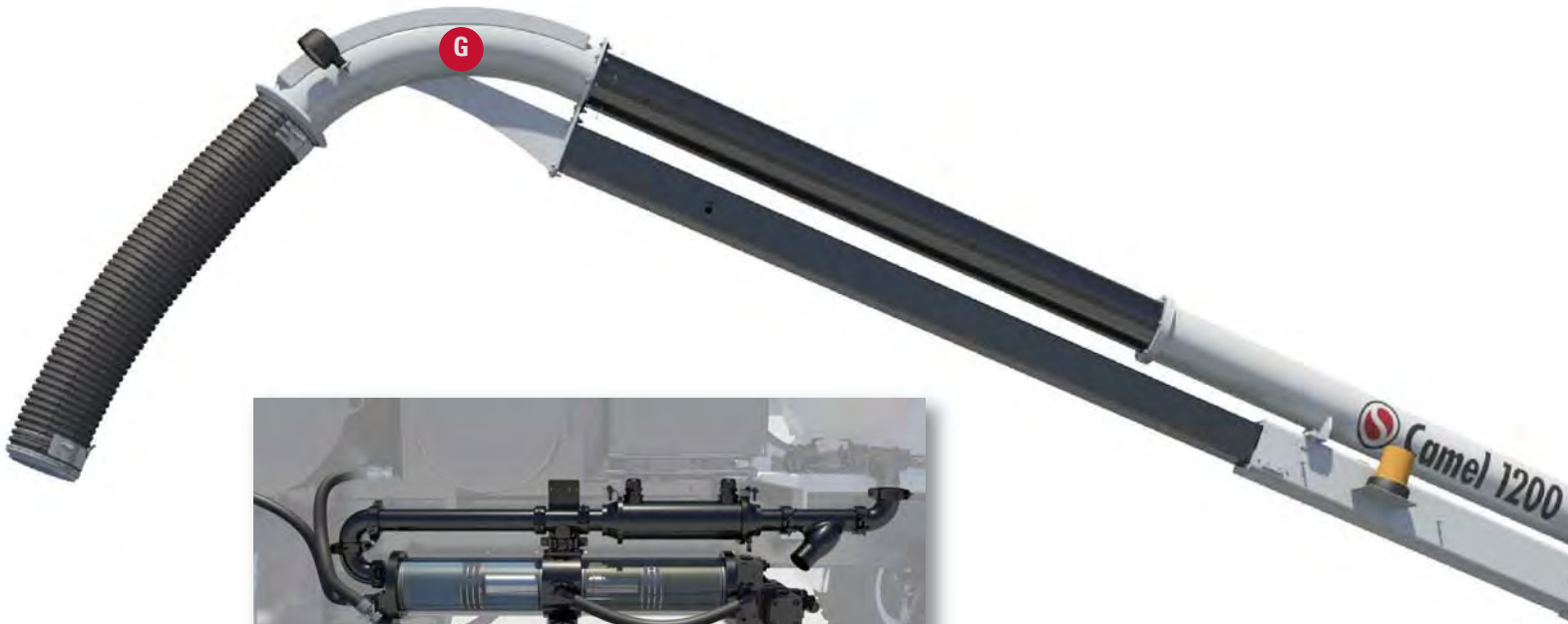
- The Camel 1200 is also available with an unloading method that raises the body up to a 50° angle with a telescopic hydraulic cylinder

Whether ejection or body-dump unloading, all controls for discharging debris from the collector body are located curbside of chassis cab or on the wireless remote

J LOW OVERHEAD HEIGHT

- 11' 6" overall height results in unit having a lower center of gravity for increased stability

CAMEL® I200 12 YARD



Featuring the sewer industry's most efficient and technologically advanced water pump!



SEWER CLEANER



Outstanding Boom Movement



Ejection Unloading System



Collector Body Tilt Capability



Hydro Excavation Accessory Package Available.



The Camel 1200 is available with Super Products' patented Acculevel[®], an innovative radar debris body level sensor with digital display at front-mounted control panel for easy operator viewing.

WASTEWATER RECYCLING



View the video; request your demo:
www.camelsaves.com

Available exclusively from Super Products, the Camel 1200's wastewater recycling system enable operators to clean sewers without the use of fresh water. And this can translate into substantial savings.

SAVE WATER!

Clean 2,500 feet of pipe a day; save 50,000 gallons of water a week. Good for productivity. Good for the environment.

SAVE TIME!

Longer on-site performance. Clean 78% more pipe a day. That's like adding two more days to the five day work week.

SAVE MONEY!

Saving water, saving time: Saves money. Double your profits. Pay your unit off in months.



6-STAGE WASTEWATER FILTRATION PROCESS

- 1 Stage one of the separation of water and debris takes place inside the debris body. All debris and affluent material enters the debris tank on the front side of the ejector plate where initial water and debris separation takes place.
- 2 During the second stage the ejector plate separates liquid from solids in the debris body. The ejector plate has small clearances and passages to allow liquids to pass to the rear side of the ejector plate, holding solids on the front side.
- 3 The third stage consists of the settling area behind the ejector plate where water accumulates for the recycling process.
- 4 Stage four includes an oscillating, self-cleaning filter screen located inside the body on the rear side of the ejector plate. The oscillation creates a counter flow and agitates materials and liquids around it. This filter screen includes two self-cleaning spray bars. One is a low-pressure spray bar using recycled water that is constantly cleaning the outside of the screen. The other is an internal intermittent high-pressure spray bar that uses fresh water to internally clean the screen.
- 5 The fifth stage relies on a centrifugal separator located on the front tank head of debris body. This separator is designed to remove particles from the liquid via centrifugal action. The system includes an automatic continuous discharge of particles back into the debris body.
- 6 The sixth – and final – stage consists of a Y-type cast-iron strainer with a stainless-steel filter element that filters the liquid prior to the high-pressure water pump.

YOUR AUTHORIZED CAMEL REPRESENTATIVE



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