



**Jetting Catch Basin truck with optional Mechanical cable  
For sewer cleaning system operated from the Truck powerful engine.**

## Jetting Pumps

- Hydraulically operated piston-jetting pumps.
- Triplex or Quintuple piston.
- 10 to 120 Gallon/M & 1000 to 5000 PSI.

## Hose Reel:

- Articulated hose reel located in the front bumper.
- 1" Sewer cleaning hose up to 120m.
- Hydraulically driven front & rear.

## Water System:

- Capacity 200, 1000, 1500, 2000-gallon water tanks.
- Galvanized or optional stainless steel.
- Baffles inside to reduce the water inertia
- Alarm at low water level.

## Dump Box:

- 3 & 4 & 6 m<sup>3</sup> volume
- Heavy-duty construction.

## Crane:

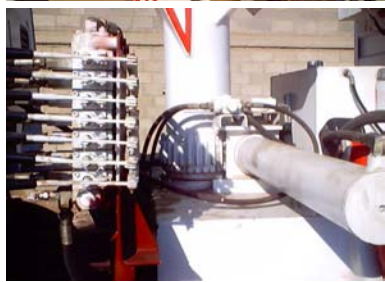
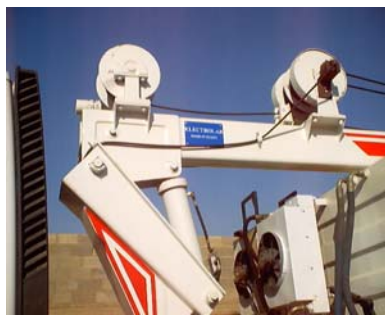
- 360° rotation.
- 5 meters maximum extension.

## Bucket:

## Hydraulic Hose reel:

- ¼ inch hose of length 8, 15, 20 m hoses.

- Strainer at the inlet of the pump.
- Located at low level.
- Withstands to work dry for short time.
- Relief valve to protect pump system.
- Driven by hydraulic motor.
- Directly driven by Hydraulic Motor.
- Hose guide.
- Hose metering range or footing system (optional).
- Complete selection of Nozzles.
- Water tank is very low to reduce CG height.
- Fittings for filling, vents drain & level indicators.
- Strainer at pump inlet.
- Cleaning handgun with shut off valve.
- Automatic engine shut off at very low water level (optional)
- 55° tilting to ensure proper discharge of all wastes.
- Automatic locking of rear door.
- Boom elevation +75 & -15° on horizontal.
- 2 out riggers for max stability.
- Controls on both sides.
- Open diameter 90 cm
- Closed diameter 34 cm
- Automatic retract by powerful spring.
- Automatic retract by hydraulic motors for long hoses



#### Winch:

- Self-locking when oil pressure drops.
- Speed.

#### Power transmission:

- PTO to drive Hydraulic pump to operate a hydraulic circuit.
- Sufficient cooling for oil even in tropical conditions.

#### Jetting Nozzles:

- Many types of nozzles.
- Revolving nozzles.

#### Controls & Indicators

- Fixed control and optional Remote 10 meters.
- Boom tilting, extension & rotation.
- Oil temperature, level & Pressure.
- Oil Pressure relief valve.
- Alarm for oil max pressure.
- Jetting water pressure relief valve adjustment.
- Level indicator

#### Electric System:

- Color Coded wires.

#### Paints

- The tank is sanded.
- 3 layers of paints

#### Frame

- No Drills or welds of any kind to the truck chassis

#### Sewer cleaning cable system (option)

- 2 meter Mechanical cable sections can reach up to 60m
- Different types of saws in the cable front tip.
- To ensure cleaning of the sewage pipe.
- The cable is rotated by Hydraulic motor.
- The control valve would rotate the Motor clock wise & anti clock wise.

#### Tool Box:

- Mud guards on back wheels.

#### Oil Cooling:

#### Servicing:

- Easy to reach any component

#### Chassis:

- 4 x 2 & 6 x 4 or 8 x 4 chassis depending on tank sizes.

- 2 ton pulling capacity.
- Alarm for wire cut (optional)
- Automatic stop when wire is completely rewind.
- Hydraulic transmissions to drive the jetting pump, which is clean and easy to maintain and avoids any mechanical, miss alignment.
- The crane and the bucket operate from the same circuit.
- Strict jetting 10 & 20 & 30 & 45°.
- Replaceable Nozzle holes
- Accelerator for Engine RPM.
- Engine RPM indicator at Driver site.
- Engage & disengage power-split unit.
- Alarm light for power split unit operation.
- Jetting pump start/Stop
- Jetting water pressure
- Hose reel wind, rewind
- Dump body would not tilt unless crane is rotated +90°
- Lighting around the truck according international standards.
- Water sealed connections
- The system components are treated to withstand rust, corrosion in sewage.
- The system is built on a sub frame fastened to the truck chassis by suitable amount of fasteners.
- The Hydraulic motor torque is adjusted by the relief valve to protect the operator in case the cable would be stuck with a heavy obstacle.
- The caret is powered by the hydraulic system of the truck via a 20m long Hydraulic Hose reel with automatic retract.
- The caret has a handle so the operator could push it to the front & rear like a baby wagon to push the sewer cable into the sewage pipe.
- Reasonable size heavy-duty water-resistant toolbox.
- Open hose box at the sides of tank.
- Heavy duty oil cooler.
- Spare parts available.
- Does not need highly skilled personal.
- 150 to 420 HP depending on chassis used.
- Wheelbase dependent or tank sizes type of chassis.

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