



Cleaning Trailer Power unit:-

Cleaning under ground pipes either used in sewage or Agricultural by pushing a hose having a nozzle in the front. The nozzle will push the water backwards (Jetting making a forward force which is powerful enough to push the hose through the obstacles the backward high pressure water will break down the obstacles and demolish them in the stream of water.

<p>Jetting Pumps</p> <ul style="list-style-type: none"> • Piston jetting pumps. • Triplex or Quintuple piston. • 10 to 120 Gallon/M & 1000 to 5000 PSI. 	<ul style="list-style-type: none"> • 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 cardan shaft from the PTO of the Tractor.
<p>Hose Reel:</p> <ul style="list-style-type: none"> • Hose reel located in top of the frame. • 1" Sewer cleaning hose up to 120m. • Hydraulically driven front or rear. 	<ul style="list-style-type: none"> • Directly driven by Hydraulic Motor. • Hose guide. • Hose metering range or footing system (optional). • Complete selection of Nozzles.
<p>Water tank (Option)</p> <ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • 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 shut off engine at very low water level (optional)
<p>Power transmission:</p> <ul style="list-style-type: none"> • Jetting pump operates directly from the PTO. • An extra optional PTO to drive Hydraulic pump to operate a hydraulic circuit. 	<ul style="list-style-type: none"> • Optional Hydraulic transmissions to drive the jetting pump, which is clean and easy to maintain and avoids any mechanical, miss alignment. • Sufficient cooling for oil even in tropical conditions (option).



Jetting Nozzles: <ul style="list-style-type: none"> • Many types of nozzles. • Revolving nozzles. 	<ul style="list-style-type: none"> • Straight jetting 10 & 20 & 30 & 45°. • Replaceable Nozzle holes (option)
Controls & Indicators <ul style="list-style-type: none"> • Fixed control and optional Remote 10 meters (option). • Oil temperature, level & Pressure (option). • Oil Pressure relief valve. • Alarm for oil max pressure. • Jetting water pressure relief valve adjustment. 	<ul style="list-style-type: none"> • Accelerator for Engine RPM (option). • Engine RPM indicator at Driver site. (option) • Jetting pump start/Stop • Jetting water pressure • Hose reel wind, rewind • Water Level indicator alarm (option)
Electric System: <ul style="list-style-type: none"> • Lighting around the trailer according international standards for night operation (option). 	<ul style="list-style-type: none"> • Water sealed connections • Color Coded wires.
Paints <ul style="list-style-type: none"> • The frame is sanded. • 3 layers of paints 	<ul style="list-style-type: none"> • The system components are treated to withstand rust, corrosion in sewage. • Any special color
Frame <ul style="list-style-type: none"> • Reliable beams properly welded No Drills or welds of any kind to the truck chassis 	<ul style="list-style-type: none"> • The system is built on a sub frame fastened to the trailer chassis by suitable amount of fasteners.
Sewer cleaning cable system (option) <ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • The hydraulic motor torque is adjusted by the relief valve to protect the operator in case the cable is stuck to 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.
Washing Hose: <ul style="list-style-type: none"> • Located on top of the frame. 	<ul style="list-style-type: none"> • Complete with washing gun & nozzle • 10 meters length ¾" diameter
Tool Box: <ul style="list-style-type: none"> • Mud guards on back wheels. 	<ul style="list-style-type: none"> • Reasonable size heavy-duty water-resistant toolbox. • Open hose box at the sides of tank.
Oil Cooling: (option)	<ul style="list-style-type: none"> • Heavy duty oil cooler.
Servicing: <ul style="list-style-type: none"> • Easy to reach any component 	<ul style="list-style-type: none"> • Spare parts available in many locations. • Doesn't need highly skilled personal.
Tractor requirements : <ul style="list-style-type: none"> • 45 HP or more 	<ul style="list-style-type: none"> • out put for hydraulic circuit in case the hydraulic system of the trailer would be operated • lighting connection to operate the lamps in the trailer
Trailers:- <ul style="list-style-type: none"> • One Axle Trailer • 1 Ton GVW 	<ul style="list-style-type: none"> • Two Axle trailer in case of having water tank included. • 6 ton GVW in case of 2 Axle trailers

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