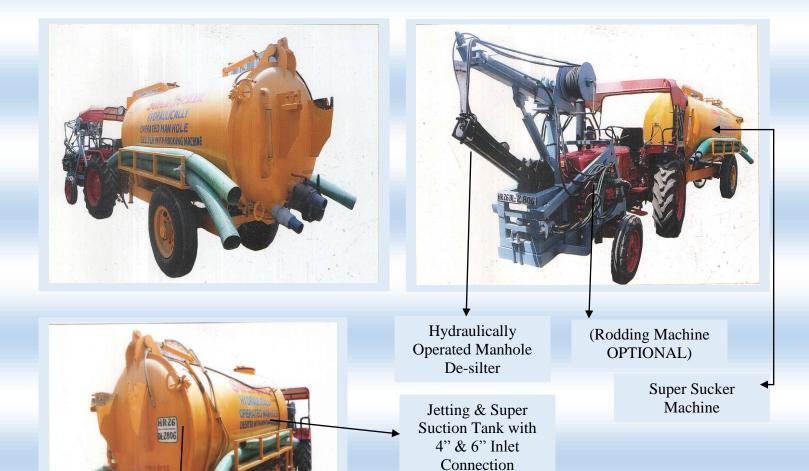


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1200 LITERS JETTING CUM SUCTION TANK MOUNTED ON THE MINI SUPER SUCKER ALONG-WITH ITS 6000 LITERS / JETTING CUM SUCTION PROVIDING A DUAL FUNCTION.



Super Sucker Machine

JELI			IACHINE MOUNTED ON TRACTOR DI									
255 OR MAHINDRA BOLERO MAXI.												
SR. NO.		DETAILS	DESCRIPTION									
1.		Pump	Triplex plunger fitted ceramics plunger and CIW un- loader valve and flow selector pump and temperature standing 70 Deg. C.									
2.	JETTING CUM SUCTION MACHINE	Engine	Driven by P.T.O. unit located in the vehicle. The PTO will be independently engaged and disengaged, with Speed adjust.									
3.	TTING CU SUCTION MACHINE	Water Tank	1400 Liters MS Water Tank.									
4.		Hose Reels	200 ft. hose mounted on manual hose reel with handle.									
5.	H O O	Jetting Pressure Suction										
6.		Pipe Valve	DN 10, 3/8" auto shut valve for 4785 PSI pressure.									
7.		Pressure Valve & Material	¹ / ₂ " BSPP, 3 way valve for 3000 PSI pressure & 316SS.									
8.	5	GPS for vehicle monitoring										
9.		Water Level Indicator	Tubular of SS 304, Flanged.									
2.			Boom Weight Capacity Weight Carrying Capacity 250 Kgs.									
	LY LTER		Boom Control Panel Mounted 5 Lever Control Valve.									
10.		Hydraulically	Operatable Direction 5 Nos. UP Down Left Right Back									
		Operated	Wire Shaft Mat. 316 SS and Length 30 Mtrs.									
		De-Silter	Support Guiders 4", Quantity 2 Nos.									
	- - - -											
			Stand-in Plates 12" x 12" x 1/2" And 8" x 8" x 1/2" 2011 1000 Min 4500 Min									
	HYDRAULICALLY PERATED DE-SILT	Pick-Up Bucket with	2 Sided FORK Bucket & 30 Liters / 150 Kgs.									
11.			Bucket Length 14" Hydraulic Jack 3 Ft.									
			Support Caging 1 ¹ /2" x 3 Ft. x 4 Nos.									
	2 H		Face Lift 240mm Material Mild Steel.									
12.	<u> </u>	Operating Mechanism	Hydraulic Jacks with Telescopic Arm controlled by Control Valves.25 Meters.Diesel Engine Operated.									
13.		Depth Power										
14.	Щ Щ	Collection & Tipping Open Tank with tipping for Carrying collected silt, PROVIDED										
15.	$\mathbf{\vee}$	Hose Reels	18" Manual reels for Bucket Operation.									
16.		BOOM MOVEMENT	FRONT BACK UPWARD DOWNWARD LEFT RIGHT									
17.	(† E)	Placement	At the Back of the Machine									
18.	žZ	Rods	Flexible									
	ĒĒ											
19.		Length & Quantity	1 Meters Each & 50 Nos.									
20.	V	Movement	Clock & Anti-clock Movement									
21.	RODDING MACHINE	Inclusions	Auger, Driller (Small, Medium & Large) & Hammer									
	A I		Mobile / Laptop Monitoring of the M/c with vehicle.									
22.			Color Camera: 1/3" Super Hard									
	88	Continuous Visual Display	2 MP HD, Third Generation LED Array									
	C AMERA SYSTEM		0.5Lux/F1.2, BLC ON 12VDC+D28 Long Life									
			1 Year Data Available in Cloud for Future viewing.									
23.	WORK STATION	Engine {Kirloskar}	2Нр.									
		Compressor.	1 Hp.									
		Tank Capacity	3000 Pound.									
		Air Filter.	Provided									
		PVC Hose Pipe	30 Meters									
24.	GPS	COMPUTER INTERFACE	Computerized Screening & Monitoring of the movement of the machine of a point to point basis.									
	ADD-	SAFETY EQUIPMENT	2 No. Gloves, 2 No. Gum Boots & 4 No. Gas Masks & 30 Minutes Oxygen									
25.	ONS		Gas Cylinder.									



NALA CLEANER

EFTS for all these years has worked extensively towards giving solutions for activities required human involvement for cleaning of manholes etc., the latest innovation "NALACLEAN", is a unique machine designed for efficient cleaning of road side open drains. Road side open drains were conventionally cleaned manually or by Back-Hoe loaders (Like JCBs) which are designed for digging. In Back –Hoe loader the operator is sitting in center of the machine off-set to thedrain making it vulnerable of breaking the side walls if misjudge or loses control. More over the silt removed from the drains is dumped on the ground and collected by another agency.

The machine (**ROAD SIDE OPEN DRAIN DITCH CLEANING MACHINE TIPPER TYPE**) is available on trailer chassis towed by min. 35 HP tractor, on 4-wheeler Jeep Vehicle and also on heavy Truck Chassis. The power required for hydraulic operation is taken from Tractor's P.T.O through propeller joint. Similarly for the Machines mounted on Jeep or Truck Chassis, the required power is taken from Vehicle's engine through P.T.O. The function is fully hydraulic, operated through lever controlled valve provided near the operator's seat. The telescopic side box section can be extended hydraulically for better reach and visibility of the ditch / Nalas. The boom has a 90° (degree) angle and is attached withditch bucket of approximately 50 liters for collection of silt / mud / sediment and is directly emptied in to the trailer bod yattached with the chassis / vehicle as the case may be. This reduces / eliminates the process of re-handling of the collected silt. The collected silt can be dumped / emptied hydraulically at the dumping site.

PERFORMANCE												
1	DEPTH BELOW G	1.5 M	2	Outread		3.3 M	3	Lifting Height	4.40 M			
4	4 LATERAL BOX EXTENSION			5	Bucket Ca	Capacity 0.05 CU M.						
TECHNICAL SPECIFICATIONS												
1.	General	Specially designed open ditch cleaning machine drawn by trailer capable to clean open drain. The silt collected by the bucket is directly emptied into the trailer body so that the re handling of silt is avoided.										
2.	Base Structure	ure Side hoe type box section arrangement having hydraulic telescopic boom extension up to max 800 mm.										
3.	Boom/Column	Made from MS box section pivoted with wide pivot bushes and pins. The whole structure is mounted on heavy duty turn table assembly.										
5.	Hy. Cylinder	Double acting hydraulic cylinders having precision honed M.S tubes and induction hardened deep grounded chrome plated piston rods providing smooth operation, long steel life and resistance against corrosion.										
6	Drive	Hydraulic pump drive is taken by tractors PTO through universal joint via imported make gear box.										
7.	Gear box	Input rpm-540			Power-20 kW			Ratio-1:3				
8.	Controls	Lever operated controls are provided near operator's seat.										
9	Stabilizer	Hydraulic operated stabilizer										
10.	Slewing	90 degree slewing by hydraulic operated double acting cylinder										
11.	Lateral Box Ext.	Hydraulic box extension with precise adjustable type cast nylon setting on sides and bottom of the box. Inside box 200x200 mm										
			TRAILE	CR SP	PECIFICATI	ONS						
12.	Body Capacity	3 cu .m										
13.	Material	Floor : 3.0mm MS sheet Floor : 3.0mm MS sheet Door : 1.6mm MS sheet										
14.	Base Frame	150x75 mm channel section chassis.										
15.	Tyre	7.50 x16 size -2 nos.										
16.	Axel	75x75 mm MS square										
17.	Brake	Parking & service type, Hand operated internal expanding, shoe brake acting on both wheels.										
18.	Accessories	Mudguard				Back/brake light						
		Reflector-2 Nos				Parking jack						
		Operator's seat				Lateral box tightening arrangement						
		Steps to climb the operator's seat				Dead weight box for counter balance.						

