



Technical Specifications of Sewer Suction Machine

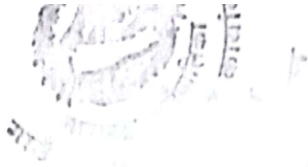
Offered Specifications

S.N.	Particulars	Requirements	
1	Capacity	Approx. 4000 liters	
2	Shape	Cylindrical Shell-type	
3	Body Materials	6mm. thickness M.S. Sheet	
4	Construction	<ul style="list-style-type: none"> The tank is fitted with anti-surge baffles to give dynamic stability to the vehicle. The tank incorporated with clean out valve. Tank mounted in such a way that at any point of time, load will be distributed uniformly on the chassis. 	
5	Chassis	Heavy duty chassis made from box of square angle of suitable size including too; box and suction pipe stand at the bottom of the tank. Chassis should made from 150*75 mm MS C-section.	
6	Gauge	Pressure gauge fitted on the top of tank at driver end.	
7	Valve	Suitable Number of branded ball valves fitted for proper functioning of machine.	
8	Suction and delivery Pipe	Adequate length of heavy duty PVC suction and delivery pipe provided with all needs fitting.	
9	Drive	Power required for vacuum pump is taken from tractor PTO.	
10	Auto shut off valve	Rubber ball float type should be provided to prevent from over flow.	

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11	Strainer	Strainer should be provided for pump safety.	
12	Pressure Relief Valve	Branded Heavy Duty Spring Type adjustable pressure relief valve should be given.	
13	Quick Coupler	Branded quick coupler of sufficient diameter should be provided to connect hose or metal pipes.	
14	Tyres	Standard Size	
15	Color	Orange/yellow	
16	Suction Pump	Pump should be 1700-2000 RPM It must have natural or forced convection air cooling inbuilt with lubricating pump.	
17	Warranty	Manufacturer shall provide a minimum one year of warranty after acceptance.	
18	Delivery	The unit 1 sewer suction machine tank shall be delivered to: <u>Baragadhi Rural Municipality</u> <u>Khopwa, Bara</u>	

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