

TECHNICAL SPECIFICATION – 800 Ltrs. Capacity Mini Jetting machine.		
1)	<u>JETTING PUMP.</u>	
	MAKE	: IPH, Italy.
	CAPACITY	: 13 lpm and pressure up to 200 bar.
	PUMP R.P.M.	: 2900 max.
	CONSTRUCTION & MATERIAL QUALITY	<ul style="list-style-type: none"> • forged brass pump head and conrods with high mechanical resistance and corrosion proof. • highly efficient s.s. check valve and piston guide. • solid ceramic plunger highly corrosion and abrasion proof. • high quality double sealing gasket (for high and low pressure) in buna textile “v” packing • anodized aluminium die-cast crank case fins that ensure grant optimal oil temperature. • having hollow shaft of 1” dia & sae j flange for direct coupling to engine.
2)	<u>TANK.</u>	
	CAPACITY	: 800 ltrs.
	SHAPE	: cylindrical vertical fitted tank.
	MATERIAL	: high density polyethylene (rotomoulded)
3)	<u>ENGINE.</u>	
	MAKE	: 4 stroke air cooled single piston diesel engine.
	PERFORMANCE	: 10 h.p. 3000 rpm (n.b.din 6270)
	TYPE	: rope start or electric start
	STARTER (OPTIONAL)	: Battery operated 12 v. power taken from vehicles battery.
4)	<u>JETTING HOSE.</u>	
	TYPE	: Special high presure jetting hose.
	HOSE I.D.	: ϕ ¼”
	WORKING PRESSURE	: 220 bar bursting pressure
	HOSE LENGTH	: 30 mtrs.
	FITTING	: Fitting on both sides of sewer jetting hose and fitted with high pressure self propagating heavy duty s.s. jetting nozzle.
5)	<u>HOSE REEL.</u>	
		<ul style="list-style-type: none"> • manual • fitted with heavy duty s.s. rotary joint. • capable of winding 30 mtrs. long sewer jetting hose.
6)	<u>AUXILIARY SPRAYING GUN.</u>	
	HOSE I.D.	: 3/8”
	HOSE LENGTH	: 10 mtrs.



	APPLICATION	: (1) cleaning of toilet, road sides, park area, market area etc. (2) washing vehicles or and other equipments and small fire fighting.
7)	VALVE.	
		: (1) lever operated 3 way high pressure ball valve for main hose-reel (2) lever operated 3 way high pressure ball valve for auxiliary spraying gun. (3) drain valve : 25mm. ball valve
8)	accessories & safety devices.	
		: (a) heavy duty glycerien filled pressure guage
		(B) flexible water level indicator
		(C) unloader valve:
		(D) water level alarm audio / visual
		(E) suction gate valve.
		(F) focus light at front & rear (G) search light with extendable wire (H) tank filling cap at top of the tank
9)	SIDE PANELING.	<ul style="list-style-type: none"> Structure made from either m.s. square pipe or m.s. angle and covered with 18 g. aluminium sheet.
10)	REAR DOOR	<ul style="list-style-type: none"> Closed & compact hinged type rear door with locking arrangement to protect the pump, engine, hoses etc. from mishandling & theft.
11)	PAINTING.	: (1) two coats of zinc based redoxide paint standard equivalent make) (2) two coats of shade polyethene paint as per choice standard equivalent make)
12)	OVERALL DIMENSION	
	OVERALL LENGTH	: 2930 MM.
	OVERALL HEIGHT	: 1750 MM
	OVERALL WIDTH	: 1495 MM
13)	SPECIFICATION FOR DIESEL 3-WHEELER	
	ENGINE: REAR ENGINE (DIESEL)	
	TYPE	: Single cylinder four stroke, direct injection, diesel engine – Mahindra Alfa / Piaggio
	DISPLACEMENT	: 395 cc
	MAXIMUM POWER	: 7.5 b.h.p. @ 3600 rpm
	STARTING	: electric, self start



	COOLING	:	forced air cooled
	GEAR BOX	:	4 forward + 1 reverse
	CHASSIS	:	Unique monologue chassis design, with pressed & stamped section.
	SUSPENSION	:	Front : dual action hydraulic telescopic shock absorber with helical springs. Rear : independent suspensions triangular arm, rubber compression spring & dual action hydraulic shock absorbers.
	STEERING	:	handle bar type
	BRAKES	:	Tandem master cylinder, hydraulically operated, internally expanding shoe type on all wheels.
	FUEL TANK	:	10.5 ltrs.
	WEIGHT & DIMENSION		
	GVW	:	975 kgs. maximum
	MAXIMUM LENGTH	:	2930 m.m
	MAXIMUM WIDTH	:	1490 m.m.
	MAXIMUM HEIGHT	:	1635 m.m
	WHEEL BASE	:	1920 m.m
	TURNING RADIUS	:	2750 m.m.
	TRACK WIDTH	:	1260 m.m
	CARGO BED	:	1480 mm x 1400 mm
	TYRES	:	4.5 x 10, 8pr
	WHEELS	:	3 stud type
	axles : rear wheel drive by 2 propeller shafts		
	MIN. GROUND CLEARANCE	:	165 mm
	FRONT AXLE	:	non driven stub axle
	REAR AXLE	:	independent drive
	DRIVERS CABIN	:	company's original complete closed type driver cabin having two doors with windows & locks, light weight made out of press sheet

