

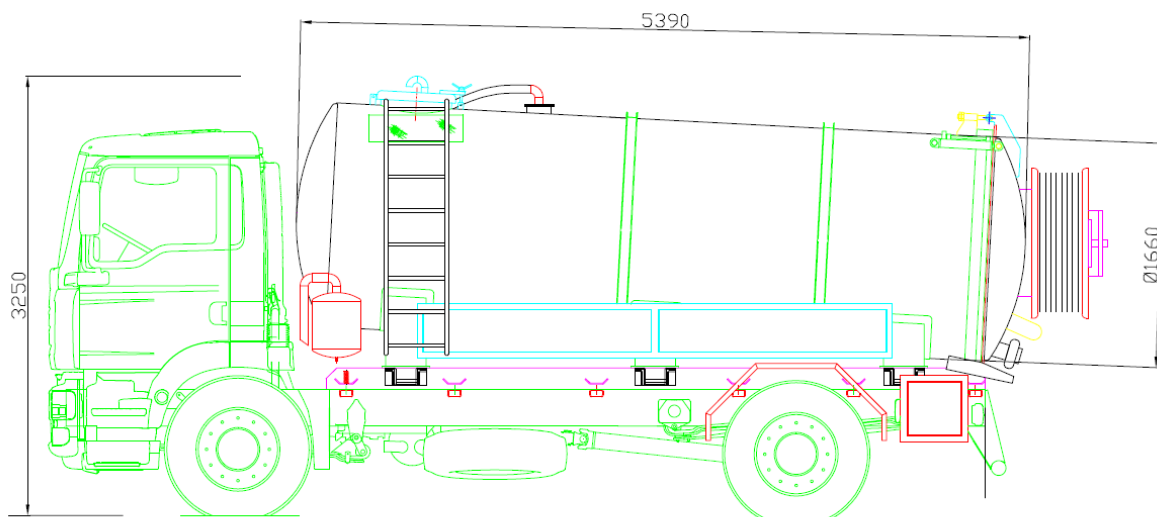


Dmix International

TECHNICAL SPECIFICATIONS

D-Combine Units 5.000 + 4.000 lts

TO BE MOUNTED ON IVECO TRAKKER AD190T38 4X2, EURO 3, LHD, OR SIMILAR



The manufacturer reserves the right to modify drawings and dimensions without prior notice, but keeping unchanged the technical specs required by customer.

Cesspit Emptier Superstructure with Water Jetting Unit

for suction of sewerage and wet material,

- designed as a two chamber tank
- front compartment 4.000 ltr. for fresh water
- main compartment 5.000 ltr for waste water resp. sludge

TANK:

- Volume of body: approx. 9.000 ltr (total)
- divided into 5.000 ltr. dirty water tank + 4.000 ltr. fresh water tank
- cylindrical designed steel-tank, made of St 37-2 quality steel, thickness 5 mm,
- with two reinforcing cylindrical ribs around the body
- front end made of 6 mm dished steel
- Partition wall (for fresh water) of 6 mm thickness
- manhole on fresh water tank
- mounted on to the truck chassis with auxiliary frame
- flex-jointed with chassis to meet truck manufacturers instructions
- transparent level indicator

TAILGATE:

- hydraulically operated top hinged and full opened tailgate
- opening operation by means of 2 pcs. hydr. cylinders

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- dished end made of 6 mm steel,
- bottom equipped with 4" shut-off valve and aluminium quick couplings for hose connection
- 6 pcs. manually operated locking and tightening handles
- acid resistant rubber seal
- valves are equipped with quick couplings and blind caps

VACUUM PUMP SYSTEM

- vacuum pump, mod. Battioni Pagani or equivalent Italian Brand air cooled
- suction capacity approx. 8.000 lt/min
- vacuum pump driven by PTO of truck via hydraulic pump and hydraulic motor
- Performance: 1 m3 waste water and muddy residue from 2 m distance and 6 m depth or from 18 m distance and 4 m depth
- approx. max. 1 ½ bar pressure and max. 95% vacuum.
- primary shut-off valve on top of vacuum pump,
- secondary shut-off with moisture trap baffles,
- stainless steel filter, silencer and oil trap,
- over-pressure safety valve and vacuum safety valve,
- vacuum pump control valve

HYDRAULIC SYSTEM

- hydraulic oil tank, V = approx. 450 ltrs, with return filter, level and temperature indicator **(without Hydr.Oil)**
- filling tap with breather
- hydraulic pump driven by PTO of truck: operating all necessary hydraulic motors (3 pcs) and hydraulic cylinders for the operation of the suction and jetting jobs
- with operations valves, flow control valves, pressure regulation valves, speed regulation valves
- all fittings, pipes and hoses are as per DIN norms for all necessary operations
- suitable hydr.-oil cooler with fan

CONTROL BOX:

- located at rear and consists of
- all necessary gauges, counter, on-off switches, regulating valves, control switches
- on-off switch for rear illumination lamp

JETTING SYSTEM:

- high pressure pump, UDOR or equivalent Italian Brand- Italy made, approx. 170 ltrs/min at 150 - 170 bars
- driven via hydraulic motor
- operable from control panel
- with suction filter, pressure safety valve, pressure regulating valve,
- with accumulator to dampen pulsations at pump outlet,
- with all fittings, pipes and hoses are to be used as per DIN norms.

HOSE REEL:

- hose reel with 50 m high pressure hose 1",
- 3 pcs. Nozzles of 30° - 35° - 45°
- hydro-motor drive
- mounted at rear, with hinges
- manual operated hose reel with 25 m hose 1/2", and spray gun

EQUIPMENT:

- rear illumination lamp
- hose carriers on left and right hand side of the vehicle, in max. possible length
- suction strainer with check valve

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- ladder to reach top of tank
- tool box
- 25 ltr. clean water tank made of stainless steel with facet
- mudguards
- 4 x 3 m x 4" spiral (suction) hoses and quick couplings

PAINTING

- After sandblasting and chemical cleaning
- Internal paint with coal tar tank epoxy
- External paint after primer painting within one colour polyurethane enamel chosen by customer's request RAL colour

THE ABOVE MENTIONED TECHNICAL SPECIFICATIONS CAN BE MODIFIED AS PER CUSTOMER EXIGENCE

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