



# SPECIAL PURPOSE VEHICLES

## WATER TANKERS

The water tankers can be used for irrigation or water and industrial supply. Tanks are made either coated steel or stainless steel.



### MAIN FEATURES

- Pear-shaped tank with 3 or 4 cradles
- Tank thickness : 4mm in steel or 3mm in stainless steel
- 1 or 2 anti-unbalance partitions arranged in vertical alignment with cradles to limit the effects of punching
- Quick open type manhole (400 mm) with butterfly valve and symmetric connection
- Elastic rubber plate links to the truck frame (thickness 10mm)
- Subframe is in U shape, 120 or 140mm. Installed in strict accordance with the manufacturer rules

### CAPACITIES

Recommended capacities are as follows (excluding Europe and subject to local road rules)

<b>Frame</b>	4x4	4x4	4x4	6x4	6x6	8x4
<b>Gross weight</b>	13 T	16 T	21 T	32 T	32 T	45 T*
<b>Volume</b>	6 000 L	8 500 L	11 000 L	20 000 L	19 000 L	28 000 L

(\* ) depending on manufacturer options



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### OPTIONS



#### Gravity irrigation

The spray boom is a 90 mm tube with 4 nozzles equally spaced, 60 mm in diameter, with a 200 mm circular baffle. The tube is threaded 3" BSP at its ends to install extensions (oversized). Watering is controlled by a pneumatic butterfly valve on the dashboard. Spray width is about 3m.



#### Pressurized irrigation

Self-priming centrifugal pump 3" maximum flow of 60 m<sup>3</sup>/h at 4 bar. Pump is on the driver side, and hydraulically driven (tank, PTO, hydraulic motor, distributor). Spray control is in the cab (pump and valves control). It is equipped with two 3-way valves that allow auto-filling of the tank or spraying under pressure.

#### Non drinkable water

In this application, the inside steel tank is coated with brai epoxy, a marine and industry anti-corrosion coating. The pipes are made of steel. The water is not potable.



#### Drinkable water

The suction and discharge of the pump are in stainless steel. The tank is either in stainless steel or in steel coated with a food grade resin. If the tank is stainless steel, we perform a stub finish.



### WATER DISTRIBUTION

#### Gravity distribution

3" valve with a symmetric coupling.

#### Hose distribution (option)

Manual hose reel with DN32 hose. Equipped with a valve and a firefighting type connection on the end. This allows flexible water distribution, depending on engine speed.