



GÜBRESER

Solid-Liquid Mixed
Manure Spreading Tanker



Why GÜbreser?



What is GÜbreser

GÜbreser is a plastic pump tanker for manure spreading applications. It is different from the regular vacuum tanker. Liquid manure together with the solid mediums collected in the pit can be transported to the field easily. Stone catcher avoids the heavy solids to enter into the tank. Manure shredder disintegrates straw and fibrous materials such as bale wire. There are customized models available weighing from 5000 to 25.000 m3.

GÜbreser tanker spreads manure homogeneously by splash plate or hose applicator.

You will be surprised to see all the things you can do with GÜbreser!

GÜbreser is a machine that has a completely different character compared to the vacuum slurry tankers in the market.

- Liquid-solid mixed manure can be taken from the pit, loaded in the tank and transported to the farms.
- The manure, which became crusted while kept in the pit, can be mixed by circulating. The crusted layer can be broken and liquefied.
- The manure in the pit can be directly pumped to the land 1 km away, without loading it into the tanker. Irrigation pipes of 5" or 6" will be sufficient.
- The manure can be circulated and homogenized while the manure tanker is moving.
- By the help of the splash plate a line of 15 to 18m lengths can be applied.
- The liquid solid mixed manure can be injected at the bottom of the plants through the optional hose applicator.
- Driving trough the furrows is possible without harming or crushing the plants. In this way it is possible to make application between 20-25 cm length crops. The yield is increased on a great scale by the fertilizing after the sprouting of the crop.
- GÜbreser is produced using the latest technology. In this way, the manure carried in each transfer increases by 15-25 % compared to the vacuum pump tankers. There is a great scale of diesel saving as well.



Plastic Manure Tanker

Gübreser is a plastic tanker. In our day, the bodies of warplanes and yachts are produced using similar technology. The body consists of 3 different layers.

- Plastic tank of Gübreser is as durable as steel tanks.
- This allows it to carry more manure compared to heavier steel tanker that has the same axle and shaft structure.
- Gübreser plastic tanker is lighter and uses less diesel fuel during the transportation.
- Manure is a chemically corrosive liquid. Plastic tank is rust free. The tank off Gübreser is lifetime guaranteed against corrosiveness of manure.
- They can be fixed easily in case of any accident.



Manure Pump

We use rotary lobe manure pumps of Vogelsang, made in German. Being different from the typical pumps, which can only pump the liquid part, it is able to pump the dense solid part of the manure as well.

It can transfer solid pieces up to 6 cm diameter and suck in manure from pit that has a depth up to 8 meters. It can pump the manure to the land at 1 km distance directly through the hose or the pipe line.

There are more than 30 different models that have varying capacities from 45m³/hour to 800 m³/hour and can serve for small or large farms.



Manure Shredder and Stone Catcher

There are many pieces like stones, stalks and straws in the liquid manure that are collected in the manure pit.

The shredding unit (Rotacut) on the manure tanker shreds the fibrous materials such as the bale wire and straw. In its 'stone holder', it separates the stone and metal pieces that are not possible to shred and hold them before they go into the tank. This stone catcher chamber can be emptied and cleaned easily by opening the cap. We use the manure shredders of Vogelsang.



Hose Applicator (dribble bar)

The manure in the tanker can be transferred to the field by the Gübreser hose manure applicator in a homogenous and controlled way according to the intended amount.

The distributor unit shreds the stalks and straws with its triple blades. The manure is given right to the bottom of the plant's stalk through the hoses. In this way, every part of the crop benefits from the manure evenly and the height and color of the products do not vary.

The nitrogen in the manure does not vaporize; the whole amount passes into the soil.

Gübreser also provides the opportunity to dress in the periods after the plant sprouts up to 30cm high.

The Axle and Chassis Structure

The chassis of Gübreser made from hot dip galvanized steel. The number of the axles is determined according to the volume of the tanker.

- 5 – 11,5 m³ Single-axle,
- 10 – 19 m³ Tandem-axle, (one rigid axle, one steerable axle)
- 19 – 25 m³ Tridem-axle, (one rigid axle, two steerable axle)

All Gübreser models have mechanic suspension with hydraulic brake systems as standard configuration. There are below air suspension and air brake options for each model.

Optimal adaptation of the payload through mechanical axle shift fitted as standard.



Tanker Models with stone catcher	Capacity	Axel	Manure pump capacity (m ³ /h)	Optimal RC (shedder model)
GT3.1 TT.00/08	8 m ³	single	115	MXL5000
GT3.1 TT.00/10	10 m ³	single	115	MXL5000
GT3.1 TT.00/12	11,5 m ³	single	115	MXL5000
GT3.2 TT.00/15	15,5 m ³	tandem	150	MXL5000
GT3.2 TT.00/18	18,5 m ³	tandem	190	MXL10000
GT3.3 TT.00/25	25 m ³	tridem	210	MXL10000



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