

Kembro FT 1000/1500/2000

Whether you are a farmer or contractor:  
Your main goal is to increase your productivity and yield.

The Kembro FT

The Kembro FT-serie is a machine for spraying or injecting liquid substances such as fertiliser, pesticide or disinfectant on or in the ground or crop. The machine is available in three versions of 1000, 1500 and 2000 litres, and hangs in the front hitch of a tractor. The frame is made of high quality steel that has been powder coated after production to prevent corrosion by corrosive substances. The tank is made of durable polyester and is equipped with slosh baffles. To fill the tank, and to stir and spray the liquid, use is made of a hydraulically driven centrifugal pump with a capacity of about 750 litres per minute. By default, the Kembro FT includes two sections, a main control valve, a flow meter and a dosing valve. The speed can be controlled from the tractor and sent to the Arag Bravo 180S dosage computer. Thanks to these components, you can use the machine accurately to administer your desired liquid.

Use

In most cases, the Kembro FT is used to administer liquid manure, such as UAN or NTS. This can be done by means of a spray line with fertiliser nozzles linked to the machine, or any other desired location. It is also possible to inject the liquid fertiliser in the ground / row by means of injection coulters. By default, the Kembro FT is equipped with one spray pipe with caps for one pass or at full field. Optionally, a second spray line can be installed on another pass range, which is switchable with the other spray line or possibly the coulters.

Why liquid fertiliser

The use of liquid fertilisers is a trade-off between labour, efficiency, accuracy, cost and environment. An important advantage of spraying fertilisers is that dosages can be accurately administered to the crop. Losses on the edges of the fields are minimal and overlap on passed plots is easily preventable with modern spraying technique. The standard recommend dose can thus accurately be administered to the crop. A second argument for choosing liquid fertilisers is that urea, ammonium and nitrate nitrogen can be combined in every combination - without limitations. This gives the possibility to determine the speed at which, for example, nitrogen is made available to the plant and is absorbed. Nitrate is easily absorbed by the plant and provides rapid growth. Urea and ammonium nitrogen have a slower effect, which causes these forms of nitrogen to be released over an extended period of growth.

Advantages



The biggest advantage is that you can use the Kembro FT in combination with other equipment, such as an excavator, planter or seeder. This saves you on a pass. You can also administer the fertiliser much more accurately and in the right locations. You work more flexible and accurate than ever!

Tests performed by DLV Plant at innovation institute OP DE ES, show that fertilisation below the row with the same standard recommended dose as used for a complete field provides 10% more yield! Also see the table below (source: DLV Plant).

DLV plant

Resultaten systeem N onder de rij

Object	Veldopbr	Zetmeel	Relatief
Volvelds100 kg N uit NTS	59,7	12,8	97
Rij 100 kg N uit NTS	67,5	14,4	108
Rij 50 kg N uit NTS	59,2	12,6	95



DLV Plant 3/5

Kembro FT summarised:

- Robust and tidy machine
- Administers liquid fertilisers
- Site specific fertilisation
- Better use of your fertiliser
- Compatible with many tools
- Increased yield per acre

Options:

- 4 sections compared to 2
- Arag Bravo 300S computer
- Spray pipe full field 50cm 6x cap
- Spray pipe 75 cm 4x cap
- Injection coulters 75 cm 8x
- Second spray line switchable
- Nozzles on planter 8x
- Extra lighting set

