



APV LIQUID FERTILIZER

LF 600 M1

TECHNICAL DATA

Liquid tank	600 L
Pure water tank	15 L
Dimensions in cm (HxWxD)	130 x 145 x 80
Net weight	120 kg
Power data	12 V / 25 A
Pump flow rate	1 - 20 L / min or 1 - 26,5 L / min
Maximum pump pressure	4 bar
Three-point attachment	CAT I and CAT II

ITEMS INCLUDED LF 600 M1

- Complete machine with a hose system up to the hose coupler
- Control Box 5.2 or ISOBUS M2
- 8 m of cable from the pump to the control box
- Flow sensor for pump control
- Filling sieve with hinged lid
- Suction filter in front of the pump
- Fresh water tank to wash hands or rinse machine
- Stirrer function by the pump
- LED lighting with indicators
- Optical level indication by means of a float ball
- Discharge function
 - With pump via control box or
 - With outlet valve at the bottom of the hopper
- 2 pieces 3-way valves
- Fast coupler for 3/4" hose connection

ITEMS INCLUDED DISTRIBUTION HEAD

- Distribution head with 10 m hose to the LF 600
- Optional 12, 24, 36 or 48 outlet configuration
- 50 m hose to individual nozzles per 12 outlets
- 1 mm spot jet nozzle per outlet
- Manometer for pressure indication
- Fast coupler for easy and quick separation of LF and distribution head
- Angle to fix the distribution head and the manometer

ACCESSORIES

- Blind plug
- Adapter for Teejet nozzle holder
- LF nozzle holder accessories kit

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LIQUID AGENT DOSAGE MADE EASY



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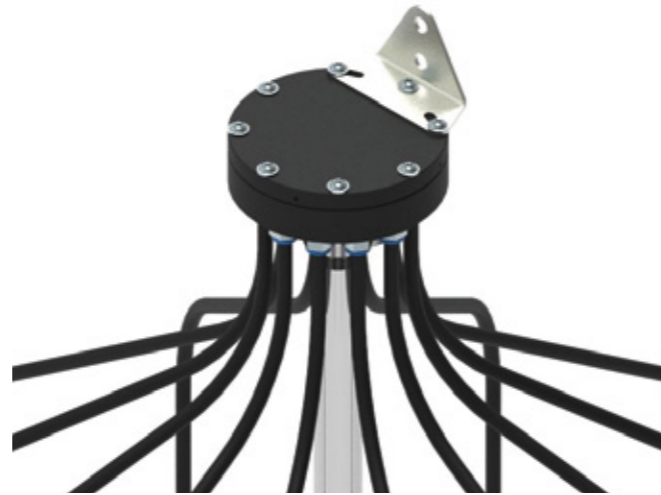
AMBITION. PASSION. VISION.



OPERATING MODE

OPERATING PRINCIPLE

The main focus of the machine is on user-friendliness and exact dosage of all liquid agents commonly used in agriculture. The spread rate setting is conveniently adjusted via the Control Box 5.2 and can be changed as needed during operation. Sensors can additionally be used for speed and excavation guided application. Its strength lies in its interoperability with other work processes like seeding, care or soil tillage. This saves additional passages and increases yield.



NOZZLES

The nozzles that are attached in varying ways to the soil tillage implement ensure precise application within the row. The Liquid Fertilizer can be fitted with a range of nozzles, e.g.: with 1 mm, 2 mm or 3 mm spot jet nozzles. There is also the possibility of a combination with TeeJet nozzles.



APPLICATIONS

- Possible applications on arable land, grassland, viticulture, etc. (from arable to ornamental horticulture)
- Spreading effective microorganisms, liquid fertilizers or compost tea during soil tillage
- Liquid fertilizer application in combination with a grain seeder, a potato planter or other attachments
- Spreading silage additives during the pressing process or directly on the loader wagon



BENEFITS

EXACT

- Uniform distribution of liquids across the desired working width
- Exact quantity control ensured by a flow sensor
- Optical level indication by means of a float ball
- Major advantage under dry conditions, as liquid fertilizer is available to plants more quickly

VERSATILE

- The number of hose outlets can be freely selected from 2-48
- Non-required outlets can be covered with blanking plugs
- Suitable for applications in conventional and organic farming
- Optional three-point or direct installation on an attachment
- Ideal as a front-rear superstructure, because this saves a front weight

COMFORTABLE

- Speed-adapted spreading and headland management via various sensors in combination with the control box (e.g.: 7-pin signal cable, GPS sensor, linkage sensors, etc.)
- Variable regulation of the spread rate via the control box even while driving
- The entire system is 100% electrically operated
- Filling sieve prevents dirt from entering the hopper
- Agitator function for optimal liquid mixing
- Control option with Control Box 5.2 or ISOBUS M2 possible

