



**AMAZONE**

mounted front hopper ***FTender***



# FTender mounted front hopper

For universal use in seeding and soil tillage



FTender for flexible use in combination with seeding systems and soil tillage

## Advantages of the FTender

- ✓ High output due to the large hopper capacity of 1,600 l or 2,200 l
- ✓ The split hopper enables seed and fertiliser to be combined
- ✓ A variety of possibilities including use with cultivators
- ✓ More comfort thanks to full ISOBUS implementation in the machine actuation
- ✓ Large opening enables quick and easy filling
- ✓ Comfortable and fast coupling and uncoupling
- ✓ Easily accessible metering unit
- ✓ Standard calibration on the machine
- ✓ Easy calibration is possible via the calibration button or TwinTerminal





FTender 1600 with a closed conveying system and pressurised hopper via the sealed hopper lid for high application rates

High output

AMAZONE offers a universal mounted front hopper for versatile use in the shape of the FTender with a capacity of 1,600 l or 2,200 l. The single tipped, mounted front hopper has an aerodynamic shape and allows for good forward visibility. This is useful when driving on roads as well as during turning in the field. The FTender is available in a pressurised hopper version. The advantage of the pressurised hopper lies in higher transfer rates, which is why its use is particularly recommended for bigger rates of fertiliser. The FTender is also available with a split hopper for even more permutations whilst sowing.

ISOBUS machine control – fully integrated or independent!

The machine control on the FTender takes place via ISOBUS. This means that the mounted front hopper can be easily operated intuitively and with all the advantages of ISOBUS communication. The FTender can therefore either have its own complete ISOBUS electronic system (ISOBUS autonomous) or be integrated in the electronic system of the sowing system behind (ISOBUS integrated).



Large opening of 1.10 m x 2.20 m for quick and easy filling of the FTender

One machine for many aspects of arable farming

The FTender from Amazone can be used with a variety of connected implements across a wide range of applications. Coupling and uncoupling is quick and easy thanks to the quick-release connectors on the hose pack.

Execution	Working width (m)	Conveying systems
rigid	3.00–4.00	single
folding	4.00	single
folding	5.00–6.00	double

For those who want more – FTender:

- ✔ Modular software and hardware for use with different connected implements
- ✔ Conveying systems for AMAZONE seed drills and precision air seeders for sowing cereals, rape, maize, beet or with soil tillage machinery for sowing catch crops and for deep fertilisation
- ✔ Overpressure system for optimum delivery rates
- ✔ Large hopper capacity for long periods of use
- ✔ FTender with tyre packer and/or additional weights



FTender 2200-C with a divided tank for combining seed and fertiliser or a second seed

# Optional equipment for complete versatility

Front packer, filling auger, cyclone separator



Avant 6002-2 with FTender 1600



FTender with T-Pack F front tyre packer with optional parking rollers and optional air intake sieve



A filling auger with a folding reception hopper is available as an option. This allows easy filling directly from the trailer. The filling auger is securely closed with a lid in the transport position.





FTender in road transport – unobstructed view on the road and in the field

## T-Pack F front tyre packer – reconsolidation between the tractor wheels

AMAZONE also offers the FTender with the T-Pack F front tyre packer as an option. The FTender with a front tyre packer with passive steering shows its strengths as a seed hopper during sowing and ensures good reconsolidation between the tractor wheels.

### Advantages of the T-Pack F front tyre packer:

- ✓ Good reconsolidation between the tractor wheels
- ✓ No restrictions in the field of view at the front thanks to the integrated raised transport position
- ✓ Load relieved from the front axle of the tractor during sowing
- ✓ Additional ballasting possible
- ✓ Simple and safe uncoupling of the front tyre packer allows solo operation



❗ "The front packer can also be conveniently locked in the upper position and so the tank lowered another 25 cm for a better view of the road – nice."

("profi" – Driving report "Everything for TwinTeC" · 1/2021)

## Optimum field of view

The extremely compact design of the FTender allows comfortable handling of the large mounted front hopper. Even the front tyre packer is integrated in such a way that its transport position does not restrict the field of view.

## Cyclone separator

The optionally available active dust separator reduces the dust load in the conveyor system and increases operational reliability, especially in dry operating conditions.

## Additional weights

Optional additional weights allow the mounted front hopper to be ballasted with up to 900 kg. Ballasting of up to 300 kg is possible for the FTender with the T-Pack F front tyre packer.



FTender with T-Pack F front tyre packer in the working position



FTender with T-Pack F front tyre packer in the transport position

- ✓ Field of view improved by 25 cm



Optional additional weights

# Metering

Comfortable & precise



Calibration button as standard on the machine

## Electric metering with the FTender

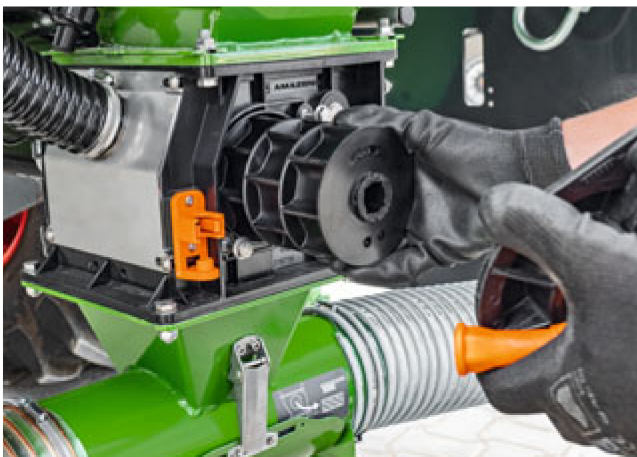
The seed or fertiliser is metered by the electrically-driven metering unit underneath the seed hopper. Since the metering system is located right at the front under the hopper, it is easy to reach and enables quick and easy exchange of the metering cassettes - different metering cassettes are available for various seed types and fertilisers. The electrically-driven metering enables easy adjustment of the seed rate from the tractor cab, pre-metering in field corners and calibration at the touch of a button. Alternatively, the metering can be controlled fully automatically by application maps.

## Calibration – simple and precise!

The standard aids, such as the weighing scales and the calibration bag, are securely stored on the front hopper. The calibration process can be easily carried out on the machine via the calibration button or via the TwinTerminal.

### The benefits:

- ✔ Easy adjustment of the seed rate from the tractor cab via the electric drive
- ✔ Easy calibration via the calibration button or TwinTerminal
- ✔ Calibration kit included
- ✔ Simple emptying of residual amounts via the separate outlet and the residue emptying menu
- ✔ Easy exchange of the metering cassettes



Simple exchange of the metering cassettes on the FTender

- ❗ "Like the large hopper opening, the electrically-driven metering unit is easily accessible ..."

"In spite of the metering system being sealed in the pressurised hopper, the outlet can be shut off with a slide for changing the cell wheel – a great idea."

("profi" – Driving report "Everything for TwinTeC" · 1/2021)





Calibration by pushbutton



The calibration bag can easily be suspended under the metering unit

AMAZONE offers Comfort-Pack 1 with TwinTerminal 3.0 for the machine, in order to further simplify calibration and residue emptying. The TwinTerminal is mounted directly on the front hopper. The location of this offers a decisive benefit: the driver can now perform the operation and data input for the calibration directly on the machine and no longer has to repeatedly get on and off the tractor.

The TwinTerminal 3.0 consists of a water- and dust-proof housing with a 3.2" display and four large keys for actuation.

**The benefits:**

- ✓ Easy calibration via the TwinTerminal without having to repeatedly get on and off the tractor



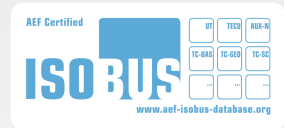
TwinTerminal 3.0

## Another combination option for the FTender



FTender 1600 mounted front hopper with Cenius-2TX trailed cultivator

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# ISOBUS as the basis for intelligent communication

## One language, many benefits!

Each ISOBUS-enabled machine from AMAZONE comes with the latest technology and almost unlimited possibilities. It makes no difference whether you use an operator terminal from AMAZONE or an ISOBUS terminal fitted directly in the tractor. ISOBUS is an internationally recognised standard for communication between the operator terminal, tractors and connected implements on the one hand and Farm Management Information Systems on the other.

## Operation with a wide variety of ISOBUS terminals

Which means that ISOBUS enables you to take control of all your ISOBUS compatible equipment. You only have to connect the machine to the respective ISOBUS terminal and the usual operator interface appears on the monitor in your tractor cab.

### Benefits of ISOBUS at a glance:

- ✔ This worldwide standard provides a uniform interface and data exchange format that ensures compatibility even with third party manufacturers
- ✔ Plug and Play between machine, tractor and additional ISOBUS implements







# Technical data:

## FTender mounted front hopper

Model	FTender 1600	FTender 1600 with front tyre packer	FTender 2200	FTender 2200 with front tyre packer	FTender 2200-C
Hopper capacity(l)	1,600		2,200		
No. of metering units	1				2
No. of spool valves required	1 single-acting (front) with pressure-free return				
Oil flow from (l/min)	28				
Attachment to tractor	3-point linkage Cat. 3/4N				
Permissible total weight (kg)	3,421	3,421	4,118	4,118	4,203
Overall width (m)	2.504	2.504	2.504	2.504	
Fill height (m)	1.402	1.581*/1.737	1.582	1.762*/1.917	
Overall length (m)	1.698	2.093	1.698	2.093	
Unladen weight (kg)	526	1,111	661	1,246	783

\*Packer in transport/working position

Illustrations, content and technical data are not binding and may differ depending on the level of equipment. Country-specific road traffic regulations apply and must be complied with, meaning that special approval may be required. The permissible axle loads and total weights of the tractor should be checked. Not all the listed combination options are possible with all tractor manufacturers.