

Faresin Feed Mixer Wagons, Stationary PF

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Categories: All Equipment, Faresin Feed Mixer Wagons

Tags: faresin, feed mixer wagons, silage, stationary PF

Product Description

Faresin PF stationary units are the ideal solution suitable for biogas systems and for livestock farms that use automated feeding systems. The features are common to the PF trailed wagon range, sharing the design of the augers and of the box that guarantee the high quality of the mix. The wide range of unloading conveyor sizes and the availability of different electric engines with powers up to 110 kW allow for different performance and consumption needs to be met.

PF mixing tub

PF (Precision Feeding) stationary mixer wagons enable perfect and homogeneous mixes to be obtainedquickly:

- S355 steel structure with 0.03 ft thick walls
- Bottom of mixing tub 0.05-0.06 ft
- Containment ring to prevent spillage of the mixture
- Inspection ladder for checking inside the tub
- Up to 3 augers and 1,624 ft^3 to meet all requirements
- 4-sensor electronic weighing system

PF unloading belt

The entire line of PF stationary mixer wagons has an unloading system located at the front with a very wide, honeycombed door that allows for rapid product flow. The belts, with a width of 2.9 ft, can be placed in different positions depending on requirements of the user during the unloading of forages and their exact distribution in the trough. In addition, they can Be equipped with speed control for optimal dosing of the mixture. of the user during the unloading of forages and their exact distribution in the trough. In addition, they can Be equipped with speed control for optimal dosing of the mixture.

- Bilateral discharge
- Bilateral front or rear discharge
- Sliding bilateral discharge
- Discharge with hydraulic extension
- Chain and rubber belt carpet up to 13.1 ft

Control Panel

The control panel developed by Faresin makes it possible to safely manage all the functions and controls of the stationary mixer wagon. Depending on the needs of the operator and the different processes, the mixer wagon can be equipped with a two-speed mechanical gearbox limiting power absorption.

Electrical motors

The mixing augers are driven by solid planetary gearboxes connected to transmission systems controlled by electric motors, whose functions are managed and regulated by control panels. Several options for product discharge allow its use in any biogas or breeding facility. The engines are activated by soft-start mode or inverter mode according to the equipment.

- The soft start mode allows a soft starting ramp of the engine so to prevent the generation of anomalous absorption during the starting phase.
- The Inverter mode, on top of the benefit of soft start mode, allows the management of different auger rotation speeds depending on the operator's needs. In addition it is possible to activate the cleaning function for the total discharge of the mixture and the cleaning of the tub.

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Faresin Feed Mixer Wagons, Master

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Categories: All Equipment, Faresin Feed Mixer Wagons

Tags: faresin, feed mixer wagons, master, silage

Product Description

The Master horizontal trailed mixer wagon is suitable for companies with particular space limitations and with the need to have a fully autonomous wagon in all work phases, equipped with a rear cutter which, with the high developed power, guarantees the loading of any product type.

Tub and cutting

The chopping of the product is ensured by the lower cutting auger, which is equipped with a series of self-sharpening blades; these are also effective when processing products (e.g. trees, branches…) with long and dense fibres with a maximum diameter of 0.2-0.23 ft. Above the cutting auger is another auger that aids product mixing and handling.

- S355 steel structure with 0.03 ft thick walls
- Mixing tub bottom 0,03 ft (optional stainless steel 0,02 ft)
- Inspection ladder for checking inside the tub
- Electronic weighing system with 3 sensors

- Reversible and height-adjustable drawbar
- Safety tailgate that can be opened for manual loading
- Standard equipment axle prepared for braking system

Augers

Equipped with three horizontal augers, one of which is a central cutter, and two upper augers, it guarantees excellent mixing of all the ingredients. Remote electric controls and gas damping on the axle provide greater control.

- Upper augers with counterclockwise rotation (optional counter-rotating)
- Upper auger thickness 0,03 ft
- Auger gear ratio 1:38
- Standard equipment electric controls - optional electronic controls
- Standard equipment pump multiplier AC70

Master Cutter

The hydraulic rear tiller has a width of 5.6 ft and an outer diameter of 1.9 ft. The spiral design of the tiller with numerous knives allows silage to be quickly loaded into the box. This is also possible thanks to the two directions of rotation of the tiller, which allow for the best possible loading of the product without throwing any material out of the body.

- Standard equipment with milling cutter only

Discharge

Drain located in the front right position with chain belt equipped with a very wide door that allows rapid flow of product from the mixing tub to the trough. The belts, with a width of 2.9 ft, can be placed in 8 different positions depending on the needs of the user during the forage unloading phase and their exact distribution in the feeder. Furthermore, they can be equipped with speed regulation for optimal batching of the mix.

- Bilateral unloading belt as an option
- Unloading belt at Standard Chains (900x850 mm)
- Rubber unloading belt as an option

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Faresin Feed Mixer Wagons, Commander

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Categories: Faresin Feed Mixer Wagons

Tags: commander, faresin, feed mixer wagons, silage

Product Description

Commander trailed mixer wagons are high-capacity machines for large-scale livestock farms. The series is designed to reach the extraordinary volume of 40 cubic meters with only two augers, ensuring high daily output. The use of two augers instead of the traditional three-auger solution makes the Commander mixer wagon more compact, with a higher tank suitable for hay-rich mixes that have low moisture levels.

Mixing tub

Commander trailed mixer wagons produce perfect and homogeneous in short time, while fully respecting the fiber. It is possibile thanks to the internal geometry of the tub, which reduces power absorption and improves performance in the presence of long fiber.

- S355 steel structure with 0.03 ft thick walls
- Bottom of the mixing tub 0.08 ft
- Rubber mixing tub riser
- 2 manual counter knives (4 positions)
- Inspection ladder for checking inside the tub
- Electronic weighing system with 6 sensors
- High-strength iron bumper to protect rear exhaust
- Two-speed manual transmission 19/36 @ 1000 rpm pto

Auger Commander

The augers are equipped with high-performance knives that, combined with the geometry of the tub and auger spiral, further improve the mixing flow and enable precise and fast cutting. These technologies result in a softer mixture that does not overheat. The special cone shape eliminates the danger of product stagnation, thus increasing the wholesomeness of the mixture. Knives, are also available in tungsten. The Power Blade, with the addition of the baffle and Unloading Blade, ensure greater mixing and smooth discharge flow.

Discharge

The Commander series features a direct exhaust with a chute located at the front and two side exhausts with a fixed direct chute. Equipped with a very wide door with honeycomb weave, it allows rapid product flow from the mixing tank to the feeder.

Rugged axles

The axle configuration for this mixer wagon is designed for optimal driving comfort, maneuverable handling, and total safety for the operator. In addition, oscillating axles allow the Optimally balance the load between individual axles, in the presence ofsoil with roughness.

- 2 steered axles
- Mechanical support foot

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Faresin Feed Mixer Wagons, Trailed TPF

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Tags: faresin, feed mixer wagons, trailed TPF

Product Description

Trailed Mixer Wagons with one, two, or three vertical mixing augers with capacities from 176 – 1,624 ft³, featuring extreme simplicity and economy of use thanks to various automatisms and the implementation of advanced technologies that guarantee unprecedented ease of use and operational precision. Available in three new configurations: -

TPF Classic

Ease of execution and rapid mixing under all conditions. TPF Classic prepares excellent quality blends with extreme speed to precision. Compact and handy, it is designed as a first approach to precision feeding. The rear-positioned axle provides good weight balance, and the direct side exhaust, also on both sides, can be placed in various positions.

TPF Plus

TPF Plus features the front-mounted discharge equipped with a bilateral mat , which allows for rapid flow of unifeed into the trough, and 8-mm-thick mixing tub walls As standard, it is available with a single axle with the option of mounting one Additional for capacities above 18 m3. This machine can be Also equipped with Litter Thrower for litter distribution.

TPF Profi

TPF Profi was created to be the flagship version of the trailed Faresin machines, a complete machine that adapts to every requirement of even the most demanding farms. It features bilateral front unloading belt, the mixing tub with 8 mm thick walls and subframe as standard. Optional hydraulic or pneumatic braking system while tandem suspension is standard on two-auger versions for more comfortable transfers and greater maneuverability. Four load cells are installed on the TPF Profi trailed chassis to ensure accurate weighing of all components of the mix, even for heavier rations.

Trailed Precision Feeding (TPF) Mixer Wagons enable perfect and homogeneous mixes to be achieved quickly:

- S355 steel structure with 0.01-0.02 ft thick walls
- Bottom of mixing tub 0.05-0.06 ft
- Containment ring to prevent spillage of the mixture
- Inspection ladder for checking inside the tub
- Up to 3 augers and 1,624 ft³ to meet all requirements

TPF unloading belt

Versatility of discharge for every farm. Trailed TPF Mixer Wagons were born for this. The Plus and Profi versions feature a front-located drain with a very wide, honeycombed door that allows rapid product flow from the mixing tub to the trough. While the Classic version can only fit the direct exhaust. The belts, with a width of 900 mm, can be placed in 8 different positions depending on the user's needs during the unloading phase of the fodder and their exact distribution in the manger. Furthermore, they can be equipped with speed regulation for optimal batching of the mix.

- Bilateral discharge
- Bilateral front or rear discharge
- Sliding bilateral discharge
- Discharge with hydraulic extension

Controls and gear

A key role, in trailed Mixer Wagons, is played by the gearbox, because of the many possibilities for varying the speed of auger rotation during mixing, cutting and unloading.

- Two-speed gearbox type that allows the operator to choose between two options of auger rotation depending on the type of work, managing power absorption from the tractor. Standard for Profi configuration.
- High-performance two-speed gearbox type and auger speed for recipes consisting of many dry ingredients.
- Two-speed gearbox type ideal for recipes with few wet ingredients and reduced power consumption due to a lower ratio.

Frame and axles

The TPF line's high maneuverability and maneuverability allow for quick machine movements even within stables of limited size and space. Fundamental characteristics of the frame are the axles and the load cells, in addition to the material of which it is composed, S355 steel.

- TPF Profi with two augers with double axle and 565 ft³ tandem suspension
- Option TPF Plus double axle with rocker arm or 635 ft³ Bogie suspension
- Up to 3 fixed or steered axles
- Mechanical or hydraulic support foot
- Electronic weighing system with 3 to 5 sensors
- Air or hydraulic braking system

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