



## Faresin Feed Mixer Wagons, Stationary PF

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### 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 obtained quickly:

- 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<sup>3</sup> 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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