

terrier

Vertical Twin Auger Self-propelled Mixer Wagon

Engine:

- Diesel Engine John Deere 4045H (4500 cm³) – 4 cylinders turbo;
 - **Maximum Power: 104 kW / 140 CV – liquid cooled.**
 - Minimise consumption, increase reliability, reduce noise and lower toxic emissions.
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Transmission to Augers:

- Mechanic Transmission by cardan shaft and clutch, 2 speed gearbox with pto at 634 rpm (slow and fast)

Advantages:

- Low power absorption and Low fuel consumption (**25% less than an hydrostatic transmission**);
 - High reliability on transmission with low maintenance;
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Vertical Mix:

- n° 2 vertical augers with long lasting tungsten knives adjustable in 2 positions
- n° 2 hydraulically operated counterknives

Advantages:

- Use of any type of bale;
 - Right mix and final result between the homogeneity and softness of the TMR;
 - Exclusive design of the exploitation of the volumes and circulation of the products inside the tank; higher loading capacity, higher number of animals which can be fed.
 - Easy maintenance.
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De-Silating Device:

- n°1 silage cutter, width 1800mm, high productivity, with 2 operating rotation movements for cutting and loading for a fast and more accurate loading procedure.
- n°1 wide loading conveyor in polyurethane.

Advantages:

- Thanks to its design and concept guarantees a fast and accurate loading of many different products leaving a clean and uniform silo;
- The silage cutter reinforced knives with tungsten coating are placed with a cross order; in this way they guarantee a clean cut without damaging the fibre of the product;
- Special design of the charge conveyor which allows the silage cutter to load on both directions; in this way the operator can choose the right mode for any different situation;
- Desilating adjustable speed according to the different conditions of the different components under loading;
- Silent and safe charge conveyor, reduced maintenance.

Distribution:

- n° 1 bilateral front discharge polyurethane conveyor.

Advantages:

- Silent and safe conveyor both for the operator and the animals, which can be close to it at discharging without being under any sort of risk;
- Low maintenance;
- Continuous and homogeneous discharge.

Comfort and Safety:

- Ergonomic with high visibility Cab;
- Hydraulic steering with adjustable wheel and a accurate instrumentation with centralised commands operable with cloches which make it a simple and intuitive use;
- Hydraulic front suspensions;
- Hydrostatic transmission to the rear wheels which guarantee a high adherence tot o the ground, especially in slope;
- Machines in compliance with European regulation EN 703 and machine regulation 89/392 with user manual and safety accessories.