

# dobermann

## Vertical Twin Auger Self-propelled Mixer Wagon

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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 1900mm, 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.
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### Distribution:

- n° 1 bilateral rear direct discharge with chute, (door width 900mm.) and PVC protections

### 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;
  - Very low maintenance;
  - Continuous and homogeneous discharge.
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### Engine:

- Deutz diesel engine type BF6M2012C (6057 cm<sup>3</sup>) – 6 cylinders turbo intercooler;
  - Maximum power: 139 kW / 190 CV/2100 rpm – liquid cooled.
  - Minimise consumption, increase reliability, reduce noise and lower toxic emissions.
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### Transmission to Augers:

- Mechanic Transmission with an electro-hydraulic clutch, 2 speed gearbox at 634 rpm (slow and fast); pto connection to the tank.

### 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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## 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 McPherson type;
- 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.