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FEEDMAX Feed-out Trailers

The economic benefits of Ashmore Engineering's FEEDMAX Feed-out Trailers are significant.

The most significant feature of Ashmore Engineering's FEEDMAX Feed-out Trailers is that they tease out the hay into windrows. The benefit of the 'tease out' function is 3-fold:

- It makes the hay 'softer' and thus more palatable to stock, increasing its feed usage, meaning you will get more feed value from the hay
- By creating a long continuous windrow, it enables even access to the hay for all stock. This reduces contamination and wastage of the hay through 'trampling' where stock are competing for access to smaller clumps of hay
- It enables the FEEDMAX Feed-out trailers to additionally be used for teasing out bales with excessive moisture content for re-baling

The 'tease out' function of the FEEDMAX Feed-out trailers have generated testimonials from the market of producing an increased feed usage of the hay of 30-50%. This reduction in wastage produces a significant return on your investment.

Another economic benefit of Ashmore Engineering's FEEDMAX Feed-out Trailers is that they reduce labour costs by enabling the feed-out operation to be undertaken by one person. Further, they vastly improve occupational safety in a practice traditionally characterised by physical strain. This is of particular importance when the operation is undertaken by farmers who are elderly or by hired labour.

The rotors on FEEDMAX Feed-out Trailers are driven independent of the floor chain. The capacity to vary both the drive speed of the rotors and the rate of feed of bales to the rotors creates the capacity to significantly vary the size of windrow produced. It also creates the capacity to vary the coarseness of the material: a higher rotor speed to floor chain speed ratio produces finer material, a higher floor chain speed to rotor speed ratio produces more coarse material (this is also contingent on the moisture content of the bales being fed out, as high moisture content limits the capacity to produce finer material).

The FEEDMAX 4, 6 & 12 models (detailed below) are 2 bale rows in width. Both rows of bales on these models are independently conveyed to the rotors on individual floor chains (through operation of a flow control valve). Independent operation of each floor chain enables regulated and precise control of bale feed to the rotors. It also enables feed of either one or two types of bales at a time. This means that 2 different types of hay (ie Lucerne and/or Oats) can be fed out from the same load to different stock.

FEEDMAX Feed-out Trailers are designed to handle big square bales, but can accommodate round bales* and silage**.

The core advantages of the 'teasing out' function is maintained with round bales, ensuring improvements in feed 'softness and palatability' over alternate feed-out practices, for equivalent improvements in feed usage and waste reduction as is achieved with square bale feed out.

However, differences in operational handling and output of round bales are to be observed as follows:

- The windrow that results from round bales is slightly less consistent than a windrow produced by square bales, as the feed of straw through the rotors is invariably less consistent due to the bale shape.

***Please note that the load capacity of FEEDMAX Hay Feed-out Trailers is based on a calculated bale weight of 800kg maximum. The additional weight of silage must be considered, and bale load quantity reduced proportionally, to ensure the maximum load capacity of FEEDMAX Trailers is not exceeded.*

The FEEDMAX Feed-out Trailers are available in a 2, 4, 6 or 12 bale model as follows:

FEEDMAX 2 - 100/120hp Tractor Tow Model

- Able to handle 2 big square bales (8x4x4 or 8x4x3)*
- Can accommodate round bales
- Able to handle silage*
- 540 rpm PTO-drive unit
- Approximate Machine Weight - 1900kg

FEEDMAX 2 - Ute Tow Model - Toyota Land Cruiser

- Able to handle 2 big square bales (8x4x4 or 8x4x3)*
- Can accommodate round bales
- Able to handle silage*
- 25hp Diesel Engine
- Approximate Machine Weight - 1900kg

FEEDMAX 4 - 100/120hp Tractor Tow Model

- Able to handle 4 big square bales (8x4x4 or 8x4x3)*
- Can accommodate round bales
- Able to handle silage*
- 540 rpm PTO-drive unit
- Approximate Machine Weight - 2975kg

FEEDMAX 6 - 100/120hp Tractor Tow - Top Deck Model

- Able to handle 6 big square bales (8x4x4 or 8x4x3)*
- Can accommodate round bales
- Able to handle silage*
- 540 rpm PTO-drive unit
- 4 bales are placed on Chassis Deck with an additional 'Top Deck' to carry a further 2 bales. The 2 Tier system reduces the overall length of the machine, reducing the turning circle and improving manoeuvrability.
- Approximate Machine Weight - 3375kg

FEEDMAX 6 - 120/150hp Tractor Tow Model - Extended Deck Model

- Able to handle 6 big square bales (8x4x4 or 8x4x3)*
- Can accommodate round bales
- Able to handle silage*
- 540 rpm PTO-drive unit
- Approximate Machine Weight - 4200kg

FEEDMAX 12 - 150/180hp Tractor Tow Model

- Able to handle 12 big square bales (8x4x4 or 8x4x3)*
- Can accommodate round bales
- Able to handle silage*
- 540 rpm PTO-drive unit
- Approximate Machine Weight - 4790kg

Ashmore Engineering products are well known for their solid construction and durability and Clients will enjoy long term financial benefits from investment in high grade quality machinery.