

PRODUCT INFORMATION



Bio Bull Crop Shredder Robust 160

Stage 3 and stage 5 engine

Model

Bio Bull Crop Shredder Robust 160

Revision

00 - 10-11-2022



Motor

Stage 3 engine: John Deere industrial engine 160 hp at 1800 rev/min common rail diesel

Stage 5 engine: John Deere industrial engine 160 hp at 1800 rev/min common rail diesel

Benefits of this engine:

- Low fuel consumption.
- Worldwide service network of John Deere.



Operator/driving force

Hydraulic drive of conveyor and cloth roll. The machine is equipped with 3 LS pumps operating in separate systems. These pumps are assembled directly on the gearbox of the engine.

Benefits:

- 3 pumps prevent unwanted speed differences when you are entering, cloth rolling and emptying the bulk hopper at the same time.
- Directly driven pumps ensure a compact construction and no maintenance costs.
- Danfoss hydraulic control valves for proper and smooth operation of the machine.

Infeed table

Importation table with on both sides a roll-up unit for cloth up to 200 meters. The diablo rollers over which the canvas runs are hydraulically foldable. High ridges on the elevator belt will rise up for the good upwards conveying of the product. Guided strings left and right ensure always straight running of the tires.



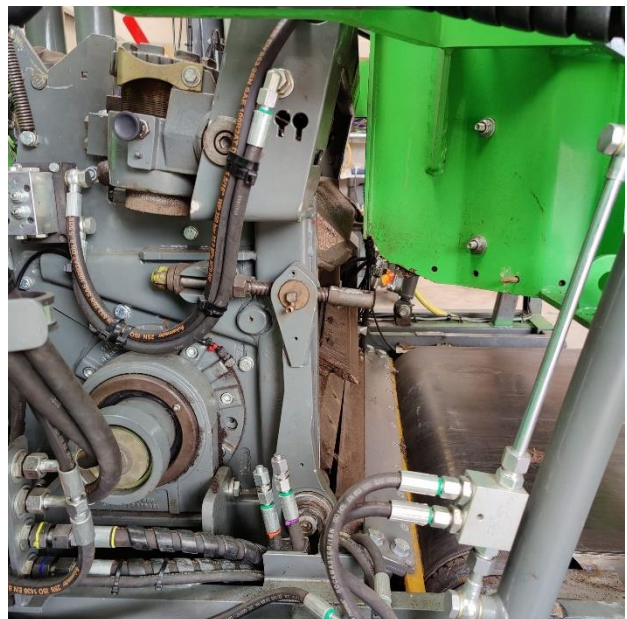
Chopper unit with input unit

Bio Bull chopping reel with V-blades including semi-automatic grinding system.

The cutting reel will be activated by means of an hydraulic clutch. Outfeed of the crop goes through a conveyor with PVC conveyor belt which is hydraulic adjustable in height. Outfeed with separate remote control function.

Benefits:

- Robust cutting chamber and importation unit for a long service life.
- Low maintenance and repairs.
- Spare parts of the cage and importation unit available almost everywhere in the world.
- Sustainability already proven technology.
- Easy to access for maintenance



Bulk hopper

Bulk hopper with PVC conveyor incl. unloading through remote control.



Control panel

Remote control of the machine, system Hetronic.

Benefits:

- Operation is always possible from the place with the most visibility and is therefore safe.
- The machine is operated by remote control, allowing you to stay out of the danger zone of the machine.
- Hetronic is known worldwide, highly durable and trouble free.



Chassis

VTS undercarriage with rubber tracks and 2 driving speeds.

Dimensions

Machine dimensions approximate:

- Width caterpillar's exterior frame about 2.4 meters.
- Height 2.2 meters.
- Length 6.5 meters.
- Weight +/- 10.000 kg.

Capacity

Up to 10 000 m² per hour.

Optional

- Automatic lubrication system.
- Cleanfix fan.