

# PRODUCT INFORMATION



## Bio Bull Crop Shredder Robust 160

### Model

Bio Bull Crop Shredder Robust 160

### Revision

00 – 180705



### **Motor**

John Deere industrial engine type 4045 HFU 160 hp at 1800 rev/min common rail diesel Stage 3 engine with turbo and intercooler.

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 2 LS pumps operating in separate systems. These pumps are assembled directly on the gearbox of the engine.

#### **Benefits:**

- 2 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. 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**

Chopper unit 600 mm, with V-blades which have a grinding attachment.

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

#### **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 in maize and grass choppers.

### 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 2.2 meters.
- Width 2.2 meters.
- Height 2.0 meters.
- Length 6.5 meters.
- Weight +/- 6.500.

### Optional

- John Deere Stage 4 final engine.
- Metal detector.
- Infeed correction.