

PRODUCT INFORMATION



Bio Bull Crop Shredder Compact 140

<u>Model</u>	<u>Revision</u>
Bio Bull Crop Shredder Compact 140	00 – 190218



Motor

John Deere industrial engine type 4045 HFU 140 hp at 1800 rev/min common rail diesel engine Stage 3 +/- 100 KW with turbo and intercooler.

Benefits of this engine:

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



The Bio Bull Crop Shredder Compact 140 is also available in a full electrical version for zero emission.

Operator/driving force

Hydraulic drive of conveyor and cloth roll. The machine is equipped with **3** hydraulic 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 and cloth rolling.
- Directly driven pumps ensure a compact construction and no maintenance costs.
- Danfoss hydraulic control valves for proper and smooth operation of the machine.

Infeed unit

Infeed unit for cloth up to 200 meters. Infeed width 600 mm.



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.

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.

Outfeed belt



Benefits:

- Sustainable outfeed of any product no matter humidity and weight.
- Easy and safe removing a blockage.

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.

Dimensions

Machine dimensions approximate:

- Width caterpillar's exterior frame about 2.2 meters.
- Width 2.0 meters.
- Height 2.0 meters.
- Length 4.0 meters.
- Weight +/- 3.500 kg.
- Canvas width up to 1400 mm.

Capacity

Up to 3500 m² per hour.

Optional

- John Deere Stage 4 final engine.
- Metal detector.
- Service set.
- Infeed screw recommended with soft fruit.