The McHale C460 bale feeder & straw blower is a versatile machine, which can be used for feeding short fibre silage and can also be used to easily distribute long fibre fodder such as hay and straw.

A key feature on the C460 is its twin speed independent gearbox, which allows the operator to easily adjust the rpm from 280 rpm for feeding silage or hay up to 540 rpm for using the machine to distribute straw for bedding.

Feeding:
The McHale C460 is an ideal machine for feeding silage and hay, the two speed gearbox allows silage to be distributed exactly where it is desired. The speed of the conveyor is proportionally controlled allowing the operator to adjust feeding speed depending on material density and composition.

Bedding:
The McHale C460 can be used to distribute bedding material quickly and efficiently leaving a thick aerated bed of straw. In difficult to access bedding areas, the chute on the McHale C460 can pass through 300 degrees for ease of feeding. Straw can be blown 18m on the right hand side and 13m to the left hand side of the machine.
Our specification makes feeding & bedding easier.

**Machine Body**

The machine body on the McHale C460 is compact, which makes the machine very maneuverable. The machine body is designed so that it is low to the ground and is easily moved to line the machine up higher, up a ramp, or to the side to view the machine, which0 helps keep the machine level. This increases operator visibility. It also ensures that a bale is turning in the machine to access material which is close to the top of the bale falls within the machine body.

**Feeding Chute (Straw Blowing Turbine)**

The 135° diameter feeder on the McHale C460 is fitted with 6 blowing paddles, which provides a powerful flow for an efficient distribution of material. The feeding system design ensures that any loose material is fed into the bale chute.

**Floor Conveyor**

The Floor conveyor on the McHale C460 consist of a hydraulically driven chain and four conveyors. There are 17 links, which are mounted on 1 large discharge chute. The chain and link format takes the bulk material and the chain format ensures that any loose material is fed into the bale chute.

**Blowing & Feeding Chute**

The McHale C460 is fitted with a three-stage shoe, three-stage design, minimal resistance and allows for maximum blow distances to the desired destination. The three-stage shoe design allows for sufficient clearance and reduces the risk of blockages and provides more even delivery of material.

**Rotor with Hydraulic Feed**

The McHale C460 can pass through 300 degrees for ease of bedding in buildings with one opening. Straw can be blown up to 13m to the left hand side of the machine. The chute is joystick controlled, allowing the operator to adjust the chute height and the exact direction from from the control box in the tractor cab.

**Rear Loading**

The tailgate is designed to be loaded by a tractor or a second tractor. The cupped tailgate design ensures that square or rectangular bales can be loaded easily. The tailgate on the McHale C460 can be adjusted from a hydraulic joystick, which controls the operator to adjust the chute height and the exact direction from from the control box in the tractor cab.

**Electronic Controls**

The McHale C460 is controlled via an electric control console, which allows the operator to control machine operation from the tractor cab. These electronic controls provide an efficient control console, which allows the operator to adjust:

1. The conveyor speed and direction.
2. The bale position.
3. The chute position and height.
4. The operator can monitor the blow distance.
5. The operator can monitor the blowing.

Electronic control allows the operator to control the feeding chute, which can be controlled via an integrated joystick on the control console in the tractor cab.

**Key Features on the McHale C460 include:**

- Rotor with High Torque Belt Drive
- Specially designed flywheel to facilitate good discharge and excellent clean out.
- 2 speed gearbox – to increase or reduce flywheel rpm for feeding or bedding.
- Bedding of straw up to 18 metres.
- Joystick chute control, to facilitate bedding and feeding.
- Self-loading tailgate.
- 3 stage feeding chute.
- 300 degree swivel chute.
Grouping the major machine functions on one operator efficient control console allows the operators easier control. The McHale C460 is controlled via an electric control console, which allows the operator to control the machine functions from the tractor cab. The electronic controls make feeding & bedding easier.

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- **Rotor with High Torque Belt Drive**

- **Specially designed flywheel to facilitate good discharge and excellent clean out.**

- **2 speed gearbox – to increase or reduce flywheel rpm for feeding or bedding.**

- **Bedding of straw up to 18 metres.**

- **Joystick chute control, to facilitate bedding and feeding.**

- **Self-loading tailgate.**

- **3 stage feeding chute.**

- **300 degree swivel chute.**

### Machine Body

The machine body on the McHale C460 is compact, making the machine very manoeuvrable. The machine body is designed so that it is lower in the position to improve visibility of the machine. The machine body is raised by using a hydraulic system, which is powered by the tractor cab. This enables the machine to move easier and make the machine more visible. It also ensures that a tail is turning in the machine and no loose material will come over the top of the bale falls within the machine body.

### Bale Loading

The tailgate on the McHale C460 can be used to load both ends of the machine. With the need for a second tractor. The cupped tailgate design ensures that the bale is loaded into the machine, while the twine or net is being removed. The operator to adjust:

1. **Bale Loading**

- The ram mounting points on the tailgate, ensure that maximum lifting power can be achieved, so that the heaviest of bales can be handled.

- The tailgate on the machine can be used to load a bale onto the machine, without the need for a second tractor. The rugged tailgate design ensures that the bale is loaded into the machine, while the twine or net is being removed. The operator to adjust:

### Bale Loading

The tailgate on the machine can be used to load a bale onto the machine, without the need for a second tractor. The rugged tailgate design ensures that the bale is loaded into the machine, while the twine or net is being removed. The operator to adjust:

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OUR SPECIFICATION makes feeding & bedding easier.

Machine Body
The machine body on the McHale C460 is compact, which makes the machine very manoeuvrable. The machine body is designed so that it is clear of the tailgate and ram and even when the machine gets higher, there is always visibility. It also ensures that a tail is turning in the machine area no loose material will come over the top of the bale tails within the machine body.

Flywheel (Straw Blowing Turbine)
The 1350 diameter flywheel on the McHale C460 is fitted with 6 blowing paddles which provide a powerful flow for an efficient distribution of material. The flywheel housing design ensures that no loose material is in the flywheel housing to blow out.

Floor Conveyor
The floor conveyor on the McHale C460 consists of a hydraulic driven chain and belt conveyors. There are 18 slats, which are mounted on 1T6mm high tensile chain. The chain and idler format takes the bulk into the machine, the idler format has been designed to ensure consistent and even feed to the tractor. The rotation speed of the conveyor adjustable via a dial and the same format and layout of the tractor cab.

Blowing & Feeding Chute
The McHale C460 is fitted with a three-stage chute, this three-stage design, maximises resistance and allows for maximum blow distance to the straw. One advantage of this design is the reduction of extra movement. The deep wide chute design reduces the risk of blockages and provides more even delivery of material.

Rotor with Hydraulic Drive
The McHale C460 can pass through 300 degrees of blowing with one opening. Straw can be blown 18m on the right hand side and for difficult to access bedding areas the 300 degree chute can blow up to 13m to the left hand side of the machine. The chute is joystick controlled, allowing the operator to adjust the chute height and the direct direction away from the control panel to the tractor cab.

Rotor with High Torque Belt Drive
The belt system, which drives the feed rotor, can be hydraulically disengaged. The high torque belt drive system ensures that the flywheel (straw blowing turbine) can be worked independently of the rotor. This gives an extra range of applications.

- 300 degree swivel chute.
- 3 stage feeding chute.
- 2 speed gearbox – to increase or reduce flywheel rpm for feeding or bedding.
- Bedding of straw up to 18 metres.
- Joystick chute control, to facilitate bedding and feeding.
- Self-loading tailgate.
- 300 degree swivel chute.

Baling & Feeding Chute
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Electronic Controls
The McHale C460 is controlled via an electro control console, which shows the operator the control machine operation from the tractor cab.

Key Features on the McHale C460 include:
- Rotor with High Torque Belt Drive
- Specially designed flywheel to facilitate good discharge and excellent clean out.
- 2 speed gearbox – to increase or reduce flywheel rpm for feeding or bedding.
- Bedding of straw up to 18 metres.
- Joystick chute control, to facilitate bedding and feeding.
- Self-loading tailgate.
- 3 stage feeding chute.
- 300 degree swivel chute.

SPECIFICATION

<table>
<thead>
<tr>
<th>Specification</th>
<th>C460</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Horsepower</td>
<td>51 Kw (69Hp)</td>
</tr>
<tr>
<td>Minimum Weight</td>
<td>2800 Kg</td>
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<tr>
<td>Length (Overall)</td>
<td>5.5 metres</td>
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<tr>
<td>Length (Closed)</td>
<td>4.2 metres</td>
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<tr>
<td>Width</td>
<td>2 metres</td>
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<tr>
<td>Body Height</td>
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<tr>
<td>Bale Chute (W x H x L)</td>
<td>1320 x 1220 x 1400mm</td>
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<td>Bale Capacity</td>
<td>2 x 1.5m diameter bales</td>
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<td>Control</td>
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<tr>
<td>Max Discharge Distance</td>
<td>18 metres</td>
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<tr>
<td>No. of Double on Rotor</td>
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<td>No. of Knives</td>
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<tr>
<td>Gearbox</td>
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<td>Rotor Drive Type</td>
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<td>PTO 540 with slip &amp; overrun protection</td>
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<td>Clutch Pedals</td>
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<td>Chain Components</td>
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<tr>
<td>Tyres</td>
<td>18.8 x 15 – 18.8</td>
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<td>Tractor Mounting</td>
<td>Drawbar</td>
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<tr>
<td>No. of Bolt Paddles</td>
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</tr>
<tr>
<td>Minimum Oil Flow</td>
<td>35 litres/min @ 160bar</td>
</tr>
<tr>
<td>Tractor Hydraulics</td>
<td>1 x feed, 1 x return</td>
</tr>
</tbody>
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McHale has evolved from a farm machinery retail outlet, which is still in existence today. This background has provided an excellent foundation for the design and manufacture of farm machinery, due to direct contact with the end user. Manufacturing takes place in a purpose built facility, which utilises the latest in laser and robotics manufacturing technology and operates to ISO 9001/2008 accreditation.

All research and development is conducted in-house using leading edge technologies. Machines go through rigorous testing during the product development process and machine performance is constantly monitored. As a result, this ensures that products of the highest quality, specification and design are delivered to you. Which explains why a McHale product is truly “an investment in the future”.

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McHale has a worldwide network of dealers to ensure that product and service are always within easy reach. If you are interested in McHale products, please contact your local distributor or dealer for further information.

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