

# McHale C460

BALE FEEDING  
& BEDDING RANGE



[www.mchale.net](http://www.mchale.net)

The Professional Choice

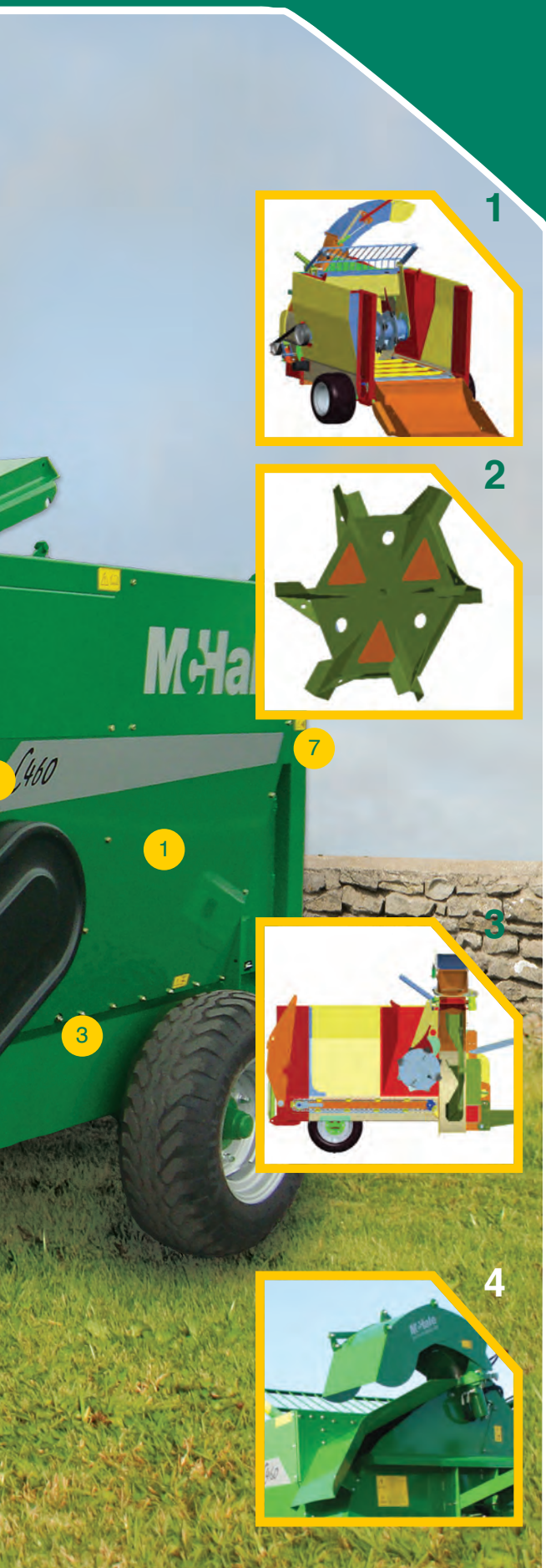


# OUR SPECIFICATION





# makes feeding & bedding



## 1 Machine Body

The machine body on the McHale C460 is compact, which makes the machine easy to manoeuvre. The machine is narrow at the bottom and tapers out as the machine gets higher, this is a design feature to ensure good visibility. It also ensures that as a bale is turning in the machine any loose material which falls back into the body.

## 2 Flywheel (Straw Blowing Turbine)

The 1.57m diameter flywheel on the McHale C460 is fitted with 6 blowing paddles to ensure an even distribution of material. The flywheel housing design ensures that any loose material which falls back into the body.

## 3 Floor Conveyor

The floor conveyor on the McHale C460 consists of a hydraulically driven chain and slat. The chain and slat format takes the bale into the machine, through the rotor and even feed to the rotor. The rotation speed of the conveyor is adjustable via a dial on the side of the machine.

The floor conveyor extends under the rotor and is positioned above the flywheel, consequently the top conveyor and the bottom, can be removed by simply reversing the conveyor.

## 4 Blowing & Feeding Chute

The McHale C460 is fitted with a three-stage chute, the three-stage design, minimises the risk of blockages and provides more even delivery of material. Chute adjustment moves through an arc to ensure that there is minimal risk of blockages and provides more even delivery of material.

The chute on the McHale C460 can pass through 300 degrees for ease of bedding in bays and for difficult to access bedding areas the 300 degree chute can be used.

The chute is joystick controlled, allowing the operator to adjust the chute height and direction from the tractor cab.

## 5 Rotor with Hydraulic Feed

The feed rotor is equipped with 48 blades mounted on six discs. The feed rotor is driven by the flywheel (straw blowing turbine). This reduces the amount of power required to start the rotor.

## 6 Rotor with High Torque Belt Drive

The belt system, which drives the feed rotor, can be hydraulically disengaged. The high torque belt drive (straw blowing turbine) can be worked independently of the rotor. This gives a number of advantages:

- The flywheel (straw blowing turbine) can be at full rpm before the rotor starts.
- The horsepower requirements are reduced.
- It ensures that the machine is less likely to block on start up.

## 7 Bale Loading

The tailgate on the machine can be used to load a bale onto the machine, without the need for a tractor. This means that when a bale is loaded into the machine, the bale can be held in the dip in the tailgate.

The ram mounting points on the tailgate, ensure that maximum lifting power can be achieved. The tailgate and conveyor alignment ensures that square or rectangular bales can be loaded.

## 8 Electronic Controls

The McHale C460 is controlled via an electric control console, which allows the operator to control the machine from the tractor cab. Grouping the major machine function on one operator efficient control console allows the operator to control the machine with ease.

1. The conveyor speed and direction.
2. The tailgate position.
3. The chute position and height.
4. The rotor comb movement for unblocking.
5. The rotor activation and deactivation.

The direction and height of the feeding chute can be controlled via an integrated joystick.

# g easier.

manoeuvre. The machine body is designed so that it is low to the ground, which keeps the machine low to ensure superior stability. As the bale comes over the top of the machine, the bale falls within the machine.

blower which, provides a powerful blow for an efficient discharge. The air from the flywheel housing is blown out.

conveyor. There are 10 slats, which are mounted on the machine. The slat format has been designed to ensure consistent discharge from the control box in the tractor cab.

consequently any material, which may gather between the slats, is blown out.

resistance and allows for maximum blow distances to ensure consistent discharge. The deep wide chute design reduces the resistance.

building with one opening. Straw can be blown 18m on the right hand side of the machine. Straw can be blown up to 13m to the left hand side of the machine.

the shoot direction easily from the control box in the tractor cab.

driven by a hydraulic motor, which is independent of the tractor's hydraulic system.

high torque belt drive system ensures that the flywheel rotates at a constant speed. The advantages are:

- High torque
- Low maintenance
- Long life
- Quiet operation
- Easy to feed.

need for a second tractor. The cupped tailgate design allows the operator to control the tailgate, while the twine or net is being removed.

achieved, so that the heaviest of bales can be handled. The machine is designed to be loaded easily.

operator to control machine operation from the tractor cab. The machine is designed so that the operator can adjust the discharge rate.

stick 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 bedding or feeding.
- 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 C460

Minimum Horsepower	51 Kw (70Hp)
Unladen Weight	2015 Kg
Length (Door Open)	5.5 metres
Length (Door Closed)	4.2 metres
Width	2 metres
Body Height	2.45 metres
Bale Chamber (W X H X L)	1350 x 1220 x 1400mm
Bale Capacity	2 x 1.5m diameter bales
Control	Electrical with joystick chute control
Max Discharge Distance	18 metres
No. of Conveyor Slats	10
No. of Disks on Rotor	6
No. of Knives	48
Gearbox	Twin Speed Independent
Rotor Drive Type	High Torque Belt Drive
PTO	540 with slip & overrun protection
Conveyor Drive	Hydraulic
Chute Rotation	300 degrees
Chute Composition	3 stage
Tyres	10.0/ 75 – 15.3
Tractor Mounting	Drawbar
No. of Blower Paddles	6
Minimum Oil Flow	35 litres/min @ 160bar
Tractor Hydraulics	1 x feed, 1 x return



# McHale



## C4 Bale Feeding & Bedding Range

*designed with the demands of today's farmers in mind...*

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.





# McHale

## C460

BALE FEEDING  
& BEDDING RANGE

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 product of the highest quality, specification and design are delivered to you. Which explains why a McHale product is truly "an investment in the future".



991B



998



V660



F5000



Fusion 3

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