

McHale

PRODUCT
RANGE



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The Professional Choice

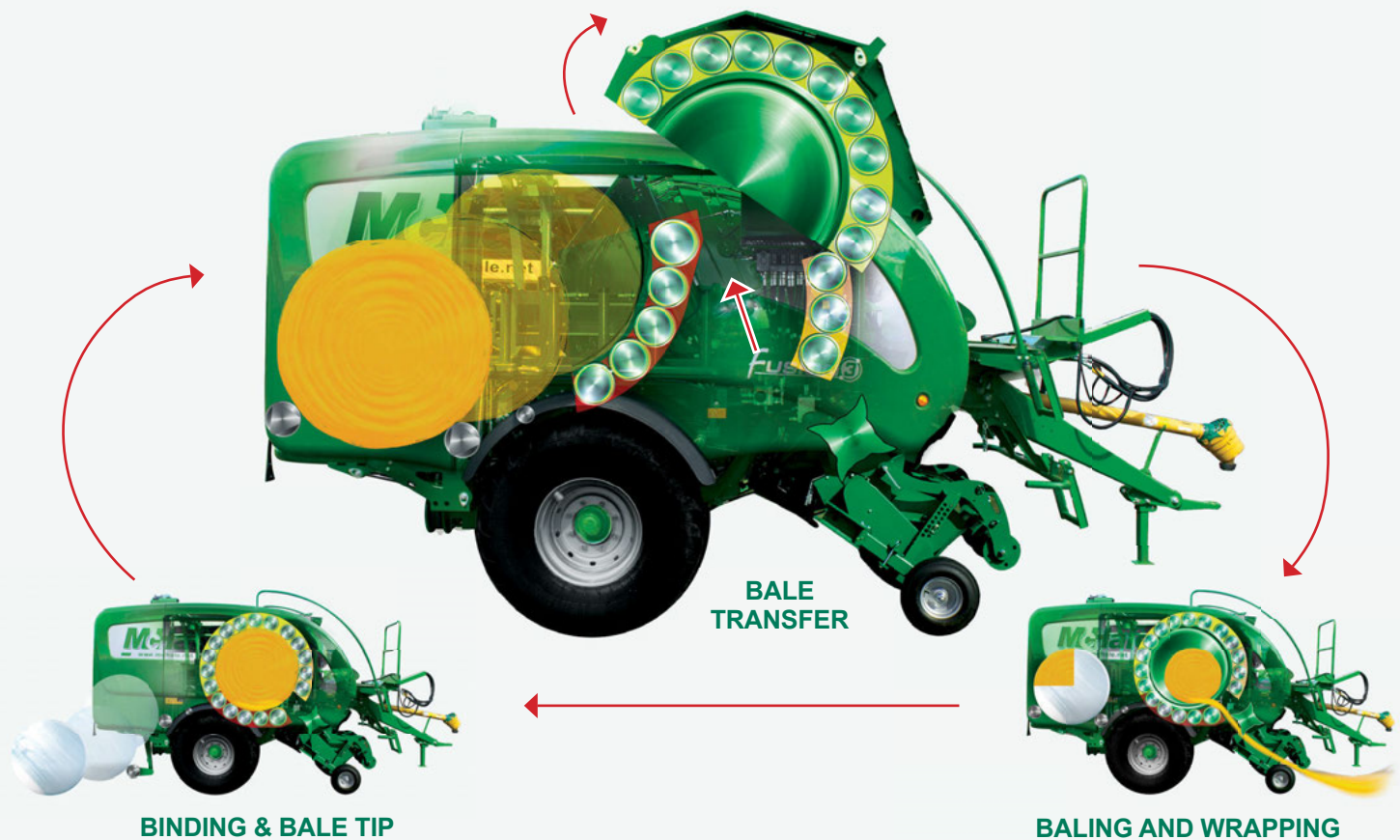


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MCHALE INNOVATIVE TECHNOLOGY

MCHALE PATENTED BALE TRANSFER



THE ADVANTAGES OF THE MCHALE PATENTED SYSTEMS

1 Simple transfer & reduced handling

As the bottom half of the bale chamber doubles as a transfer mechanism, it eliminates the need for a moving table or lift arm between the baler and the wrapper. This results in reduced handling, higher levels of reliability, faster transfer time and a compact design with a total machine length of just 5.8 metres, delivering better maneuverability.

2 Positive bale transfer on steep ground

The bale is transferred directly onto the wrapper by five drive rollers in the lower section of the bale chamber. This McHale patented bale transfer system makes the McHale Fusion very reliable in all terrains, especially in undulating and hilly ground.

3 Reliable bale transfer on hillsides

When working with other combined baler wrappers on hillsides, there may be issues with the bale cross traveling as it is being transferred from the baler to the wrapper. With the McHale Fusions, these problems are eliminated as the bale is supported in position by the sidewalls of the bale chamber during the transfer. This results in a reliable transfer even on tougher ground conditions.

4 A fast smooth transfer

The transfer of the high density bale occurs over the axle of the baler, reducing the stress on the tractor and the machine. Due to the simplicity of the unique McHale bale transfer, there are a reduced number of moving parts and electronic monitoring systems, leading to a more reliable machine.

5 High output

The transfer occurs in one pass, as the chamber is opening and closing to release the bale. This means, the machine takes a similar amount of time to transfer the bale, as a traditional baler would take to eject a bale from the chamber.

6 High speed

The bale transfer does not slow down the machine output. The bale chamber splits horizontally (like a clam shell) and the lower section of the bale chamber doubles as a transfer mechanism to transfer the bound bale into the vertical wrapping ring.

Advancements in Pick-Up Technology

Over the last decade, McHale has designed and developed various types of pick-ups. After extensive testing, McHale decided it will offer customers the **CHOICE OF 2 PICK-UP OPTIONS** depending on their working conditions:

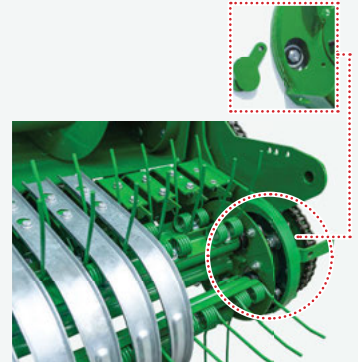
1 Cam Pick-Up

As standard, a **cam operated 2.1m high-intake galvanised** pick-up ensures excellent ground cleaning in all types of crop. The cam pick-up runs on a cam track that is fitted with **double raced cam bearings** to stand up to the most testing of conditions. All cam pick-ups across the McHale Baler range are fitted with 5 tine bars for excellent ground cleaning and delivery of crop to the bale chamber.

A **side inspection port** allows the operator to quickly check and change the cam bearings if needed.

2 Camless Pick-Up

A 2.1m camless pick-up is available as an option on all machines in the McHale Baler range. Six tine bars are fitted to all McHale camless pick-ups to provide excellent ground cleaning and fast delivery of crop to the bale chamber. The camless pick-up has been designed to increase output, reduce levels of maintenance and perform better in certain conditions.



All McHale pick-ups come with a number of **STANDARD FEATURES THAT INCLUDE:**

01 Heavy-Duty Pick-Up

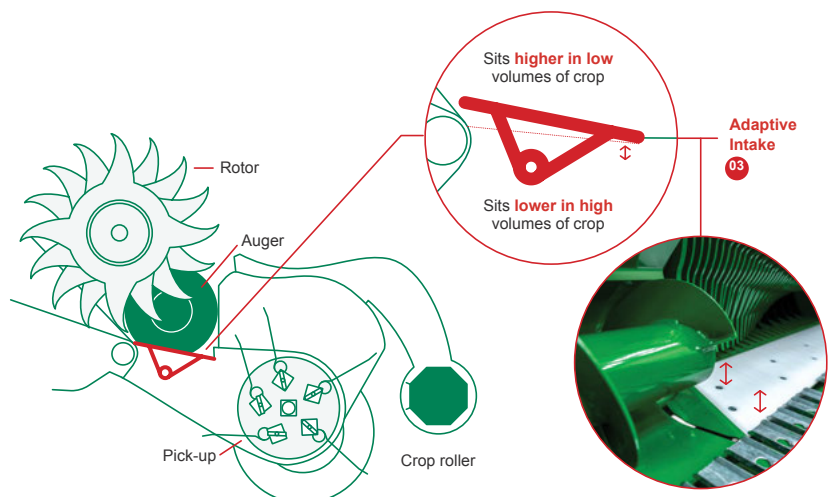
All McHale cam pick-ups have heavy-duty tine bar supports to ensure long service life, while all camless pick-ups are fitted with a fully welded tine bar. A vital part of the pick-up is the tine and McHale have developed a pick-up tine designed to lift even the shortest of crop.

02 Efficient Crop Flow Delivery

The specially designed McHale pick-up is positioned close to the rotor to improve delivery of the crop through the rotor to the bale chamber. Large diameter lateral feed augers help direct crop to the bale chamber ensuring a consistent and even crop flow for producing high density bales.

03 Adaptive Intake

Over the course of a baling season, machines have to work with different volumes of crop. McHale have designed an adaptive intake which allows the intake area to automatically adjust for light and heavy crops to facilitate a smooth crop flow into the chamber. The adaptive intake plate sits higher in low volumes of crop and can adjust to a lower position for higher volumes of crop. This avoids peak loads and results in higher daily throughput regardless of working conditions.





McHale offers three balers in its Fusion Integrated Baler Wrapper Range. All the balers in the Fusion Integrated Baler Wrapper Range deliver a 1.23 by 1.25 m (4' by 4' 1") bale.



1 Fusion 3 Integrated Baler Wrapper

The McHale Fusion 3 is a high output integrated baler wrapper. The Fusion is a purpose built machine which consists of an 18 roller heavy duty fixed chamber baler - delivering a 1.23 m by 1.25 m (4' by 4' 1") bale and a high speed vertical wrapping ring. The machine guarantees the highest output and reliability, through the use of the McHale patented bale transfer, which allows the bale chamber to split horizontally and the lower section of the chamber doubles as a transfer mechanism to transfer the bale to the vertical wrapping ring. The machine has been designed to be compact, manoeuvrable and through its patented bale transfer it delivers unrivalled performance.

Options

- 1000 RPM Gearbox
- Crop Roller
- Moisture Recording
- Camless Pickup
- Net Loading Device
- Various Tyre Options
- Selectable Knives
- Bale Side Tip



2 Fusion 3 PRO Integrated Baler Wrapper

The McHale Fusion 3 PRO is a fully automatic integrated baler wrapper which is controlled by the iTouch control console. The McHale Fusion 3 Pro provides new levels of operator comfort with its large 7" touch screen monitor, in-cab net and density adjustment, camera, and faster wrapping speeds along with a host of other features. The McHale Fusion 3 Pro uses net to bind the bale in the chamber and features the McHale patented bale transfer and vertical wrapping ring, which are noted for their reliability, speed and positive bale transfer in hilly conditions.

Options

- 1000 RPM Gearbox
- Crop Roller
- Bale Weighing & Moisture Recording
- Camless Pick-Up
- Net Loading Device
- ISOBUS Integration
- Selectable Knives
- Bale Side Tip
- Various Tyre Options



3 Fusion 3 PLUS Film on Film Integrated Baler Wrapper

The McHale Fusion 3 Plus is a high output integrated baler wrapper which incorporates film on film technology. The Fusion 3 Plus features the proven and reliable McHale patented bale transfer and high speed vertical wrapping ring. The Fusion 3 Plus can apply film on film technology, which allows the bale to be wrapped with film in the bale chamber prior to being wrapped with plastic on the wrapping platform. This results in better film coverage on the bale, more even film distribution, superior silage quality and bales which are easier to feed out. The McHale Fusion 3 Plus is also capable of using net wrap to bind the bale in the chamber.

Options

- 1000 RPM Gearbox
- Crop Roller
- Bale Weighing & Moisture Recording
- Camless Pick-Up
- Net Loading Device
- ISOBUS Integration
- Selectable Knives
- Bale Side Tip
- Various Tyre Options

Integrated Baler Wrappers



i Touch Control Console



Fusion Patented Bale Transfer

Standard Features

- Compact Size and Superior Manoeuvrability
- 2.1 m / 7' Pick Up with 5 Tine Bar
- Drop Floor Unblocking System
- Heavy Duty Chains and Bearings
- Patented Bale Transfer
- High Speed Vertical Wrapping Ring
- Net Wrap Bale Binding
- Film Bale Binding*



Patented High Speed Vertical Wrapping Ring

Machine Specification	<i>Fusion³</i>	<i>Fusion³ PRO</i>	<i>Fusion³ PLUS</i>
Machine Operation	Fully Automatic	Fully Automatic	Fully Automatic
Machine Length	5.8 m (19')	5.8 m (19')	5.8 m (19')
Machine Width	2.76m (9') / 2.94 (9' 8")**	2.76m (9') / 2.94 (9' 8")**	2.76m (9') / 2.94 (9' 8")**
Weight	5500 Kg (12,125 lbs)	5550 Kg (12,236 lbs)	5650 Kg (12,456 lbs)
Pick Up	2.1 m / 7' Pick Up with 5 Tine Bar	2.1 m / 7' Pick Up with 5 Tine Bar	2.1 m / 7' Pick Up with 5 Tine Bar
Chopper Unit	25 Knife Chopper Unit 46 mm (1.8") Chop Length	25 Knife Chopper Unit 46 mm (1.8") Chop Length	25 Knife Chopper Unit 46 mm (1.8") Chop Length
Unblocking System	In Cab Activation	In Cab Activation	In Cab Activation
Greasing System	Automatic Pressurised Progressive Greasing System	Automatic Pressurised Progressive Greasing System	Automatic Pressurised Progressive Greasing System
Chamber Bearings	50 mm Bearings *** (Drive & Non-Drive Side)	50 mm Bearings *** (Drive & Non-Drive Side)	50 mm Bearings *** (Drive & Non-Drive Side)
Drive Chains	1 1/4" Chamber Chains 1" Duplex Rotor Chain	1 1/4" Chamber Chains 1" Duplex Rotor Chain	1 1/4" Chamber Chains 1" Duplex Rotor Chain
Bale Binding	Net Wrap	Net Wrap	Film or Net Wrap
Wrapping Ring	2 x 750 mm Aluminium Dispensers with Film Break Sensors	2 x 750 mm Aluminium Dispensers with Film Break Sensors	2 x 750 mm Aluminium Dispensers with Film Break Sensors
Tyres / Axle	560/60-22.5 (Standard) 8 Stud Braked Axle (Air or Hydraulic)	560/60-22.5 (Standard) 8 Stud Braked Axle (Air or Hydraulic)	560/60-22.5 (Standard) 8 Stud Braked Axle (Air or Hydraulic)
Power Requirement (Min)	80 kW (107 hp)	80 kW (107 hp)	80 kW (107 hp)
Selectable Knives (optional)	0, 12, 13, 25	0, 12, 13, 25	0, 12, 13, 25
Hydraulic System	Open Centre, Closed Centre or Load Sensing	Open Centre, Closed Centre or Load Sensing	Open Centre, Closed Centre or Load Sensing
Inbuilt Camera	N/A	1 x Inbuilt Camera	2 x Inbuilt Camera
Control Console	Expert Plus	i Touch	i Touch



i Touch Control Console



The McHale Fusion Vario is a fully integrated baler wrapper, which consists of a high output variable chamber baler with an integrated wrapping ring. It can produce various bale sizes depending on the crop in which it is operating.

- For straw and hay, the Fusion Vario can produce bales from 0.6 m up to 1.68 m (2' up to 5'6")
- For silage and haylage, the Fusion Vario can make bales from 1 m up to 1.45 m (3'3" up to 4'8")

The Fusion Vario is a machine which can work in all types of crops and gives the flexibility to make various sizes of bales depending on customer requirements, without having to change machines

Specification

Machine Operation	Fully Automatic
Machine Length	6.3 m / 20' 8"
Machine Width	2.94 m / 9' 7"
Weight	6500 Kg / 14330 lbs
Pick Up	2.1 m / 7' with 5 Tine Bar
Chopper Unit	15 Knife - 65mm/ 2.55" Chop Length
Unblocking System	In Cab Control Drop Floor Unblocking System
Bale Chamber	Single Belt Variable Chamber
Greasing System	Centralised Greasing System
Bale Shape Indicators	Standard
Drive Chains	1' 1/4 Chamber Chains 1" Duplex Rotor Chain
Wrapping Ring	2 x 750mm Aluminium Dispensers with Film Break Sensors
Tyres Axle Brakes	650 / 50R / - 22.5 8 Stud Braked Axle Air or Hydraulic
Power Requirement (Minimum)	85 kW (114 hp)
Hydraulic System	Open Centre, Closed Centre or Load Sensing

Standard Features

- 2.1 m / 7' Pick Up with 5 Tine Bar
- Patented Bale Transfer
- Patented Tip Roller
- 15 Knife Chopper System
- Heavy Duty Rotor
- Drop Floor Unblocking System
- Double Drive Bale Chamber
- Single Belt Bale Chamber
- Crop Flow Indicators
- Inbuilt Camera System
- i Touch Control System
- Hydraulic Stretch Netter Unit



Patented Tip Roller

Options

- 1000 RPM Gearbox
- Camless Pickup
- Selectable Knives (25 Knife Chopper Unit)
- Crop Roller
- Bale Side Tip
- 680 / 50 / 22.5 Tyres
- 710 / 45 / 22.5 Tyres



F5600 PLUS

FILM BINDING BALER

Film on film technology refers to the application of film to the barrel of the bale in the bale chamber. The film binds the bale together, which eliminates the need for string or net wrap. The film that binds the bale together forms a wrap layer and gives better film or plastic coverage on the largest surface of the bale.

The McHale F5600 PLUS is fitted with a servo operated load sensing control valve, which makes the baling process fully automatic. The machine is also equipped with a 25 knife chopping unit and an in chamber film bale binding system.

Specification	
Chopper Unit	25 Knife Chopper Unit
Unblocking System	Drop Floor (Automatic Cycle)
Control Console	Expert Plus with Large Graphic Display
Net Wrap & Film Adjustment	In Cab
Film/ Net System	High Performance Binding System
Film/ Net Roll Capacity	1+1 Storage
Density Adjustment	In Cab
Tyres	500/50-22.5 (Standard)
Greasing System	Automatic Progressive
Oiling System	Continuous Oiling
Chamber Bearings	50mm Bearings (Drive & Non-Drive Side) 55mm Double Row Bearings on the main load points
Crop Roller	Optional
Bale Kicker Indicator	Standard
Minimum HP Requirement	75 kW (100hp)
Hydraulic System	Open Centre, Closed Centre or Load Sensing



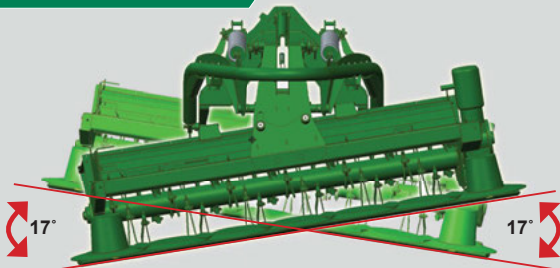
Standard Features

- 2.1 m / 7' Pick Up with 5 Tine Bar
- High Capacity Fusion Rotor
- 25 Knife Chopper Unit
- Knife Pressure Display
- Knife Position Sensor
- Drop Floor Unblocking System
- Drop Floor Position Sensor
- 18 Roller Bale Chamber
- Load Sensing Valve
- Automatic Tailgate Opening & Closing
- 50 mm Chamber Bearings (Drive & Non-Drive Side)
- 55 mm Double Row Bearings on the main load points
- 1 1/4" Chain on the Bale Chamber
- Automatic Progressive Greasing System
- High Performance Film Binding System
- Continuous Oiler System
- Expert Plus Control Console
- 500/50-22.5 Tyres

Options

- 1000 RPM Gearbox
- Camless Pickup
- Crop Roller
- Selectable Knives
- 520/ 55-R 22.5 Tyres
- 560/ 45-R 22.5 Tyres

Transverse Pivot Range



McHale offers three models in its Pro Glide Mower Range:



1 McHale Pro Glide F3100 Front Mower

McHale's design team have designed the frame on the Pro Glide front mower to place the centre of gravity as close as possible to the tractor, which results in unrivalled responsiveness to changes in ground conditions. The McHale F3100 Pro Glide front mower offers a number of unique features;

- Tubular frame with integrated suspension design
- Springs provide excellent ground following ability
- Automatic bed angle adjustment
- Patented constant ground pressure
- 17 degree transverse movement (left / right movement)
- 500 mm adaptive range (up / down movement)
- Excellent headland height clearance of over 600 mm
- Foldable guards give optimum access to cutter bar & narrow transport width



2 McHale Pro Glide R3100 Rear Mower

The McHale Pro Glide range of mowers have been developed to deliver superior floatation and ground following. The R3100 is fitted with patented ground adaption technology which delivers 3 dimensional ground tracking. This allows the mower to easily mow on rough or undulating terrain and still deliver optimal results. The McHale R3100 offers a number of unique features:

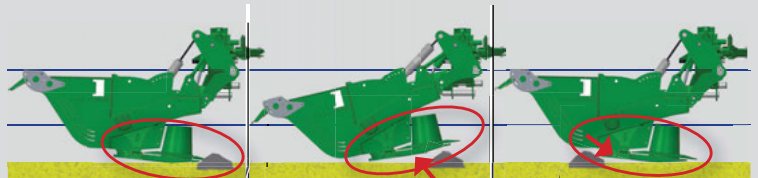
- 3D Ground Tracking
- Unique Forward/ Back Movement of 12°
- Transverse Movement of 17°
- Unique Stone or Foreign Object Protection
- Superior Cutting Performance



3 McHale Pro Glide B9000 Combination Mower

McHale have combined the Pro Glide F3100 front mower and two R3100 rear mowers to deliver a heavy duty designed and built machine for the large farmer or contractor. The McHale B9000 combination mowers come standard with 3D Ground Tracking Technology and Unique Forward/ Back Movement. Hydraulic Width Adjustment is available as an optional extra. This allows the operator to hydraulically adjust the width position of the rear mowers to eliminate striping on slopes and curves. The hydraulic rams integrated into the mower beams shift the cutter bars sideways either together or independently to allow for up to 400mm overlap on each mower.

Unique Cutterbar Protection



The Pro Glide range of mowers offers a number of unique features which deliver:

- Superior Floatation
- Self Adjusting 3m (10 ft) Cutter Bar Angle
- Constant Cutter Bar Ground Pressure
- Enhanced Cutter Bar Protection
- Optimum Conditioning
- Clean Uniform Swath
- Higher Output
- Optimum Transport Position
- Greater Visibility
- Quick Change Blades

Machine Specification	F3100 FRONT MOWER	R3100 REAR MOWER	B9000 COMBINATION MOWER
Working Width	3 m (118")	3 m (118")	8.56 m (336")
Transport Height	1.45 m (57")	3.9 m (153")	4.2 m (165")
Weight	1,250 Kg (2,756 lbs)	1,470 Kg (3,240 lbs)	2,480 Kg (5467 lbs)
No. of Discs	7	7	14 (7 x 2)
Total Number of Blades	14 (2 Blades per Disc)	14 (2 Blades per Disc)	28 (2 Blades per Disc)
Quick Change Blades	Standard	Standard	Standard
Power Requirement	59 kW / 80 hp	59 kW / 80 hp	186 kW / 250 hp (including Front Mower)
Tractor Attachment	CAT II or CAT III (Front) 3-Point linkage	CAT II or CAT III (Rear) 3-Point linkage	CAT II or CAT III (Rear) 3-Point linkage
PTO Speed	1,000 rpm	1,000 rpm	1,000 rpm
Hydraulic System	Single Acting Hydraulic Supply with Float	Double Acting Hydraulic Supply with Float (Minimum) Single Acting Hydraulic Supply (Optional)	2 Double Acting Hydraulic Supply with Float (Minimum) & Single Acting Hydraulic
Cutting Height	25 mm – 75 mm (1" – 3")	25 mm – 75 mm (1" – 3")	25 mm – 75 mm (1" – 3")
Cutting Disc Speed	3,200 rpm	3,200 rpm	3,200 rpm
Conditioner Speed	700 or 1,000 rpm	700 or 1,000 rpm	700 or 1,000 rpm
Steel Tine Conditioner	Standard	Standard	Standard
Minimum Pressure	160 bar (2,320 psi)	160 bar (2,320 psi)	160 bar (2,320 psi)
Minimum Hydraulic Flow Rate	20 l/min (4.54 gal.min) @ 160 bar (2,320 psi)	20 l/min (4.54 gal.min) @ 160 bar (2,320 psi)	20 l/min (4.54 gal.min) @ 160 bar (2,320 psi)
Hydraulic Width Adjustment	N/A	N/A	Optional



McHale Centre Delivery Rake Range

McHale rakes have been tested in the world's most difficult conditions, in order to deliver a strong and robust machine, which is efficient and reliable in all terrain. The McHale range of rakes are ideal machines for those who want to get the best quality fodder, by delivering an aerated swath. McHale rakes deliver an ideal swath for maximum baling and harvesting output. The McHale range of rakes can be used to combine multiple mower rows or to row up grass, which is spread on the flat. McHale centre delivery rakes are powerful but gentle on the crop, delivering the perfect swath preparation. McHale offers two models in its rake range:



1 R 62-72 – Working Width of 6.2 m - 7.2 m (20' 4" to 23' 7")

The McHale R 62-72 twin-rotor centre delivery rake offers a number of different working widths from 6.2 to 7.2 metres (20' 4" to 23' 7"). The variable working width can be adjusted hydraulically from the tractor cab. For transport, when the rotors are folded up, they move down into a locking position, which delivers a transport height under 4 metres. As a result, tine arms do not need to be removed for transport.

- 4 Wheels Per Rotor
- 11 Tine Arms
- 4 x Tines Per Arm - 10 mm/ 3 Coil
- Tine Arm Cam Adjustment

The tine arm cam adjustment, allows the operator to adjust when the tines release the crop to the swath.



2 R 68-78 – Working Width of 6.8 m - 7.8 m (22' 4" to 25' 7")

The McHale R 68-78 twin-rotor centre delivery rake offers a number of different working widths from 6.8 to 7.8 metres (22' 4" to 25' 7"). The variable working width can be adjusted hydraulically from the tractor cab. For transport, when the rotors are folded up, they move down into a locking position, which delivers a transport height under 4 metres. As a result, tine arms do not need to be removed for transport.

- 6 Wheels Per Rotor
- 13 Tine Arms
- 4 x Tines Per Arm - 10 mm/ 3 Coil
- Tine Arm Cam Adjustment

The tine arm cam adjustment, allows the operator to adjust when the tines release the crop to the swath.

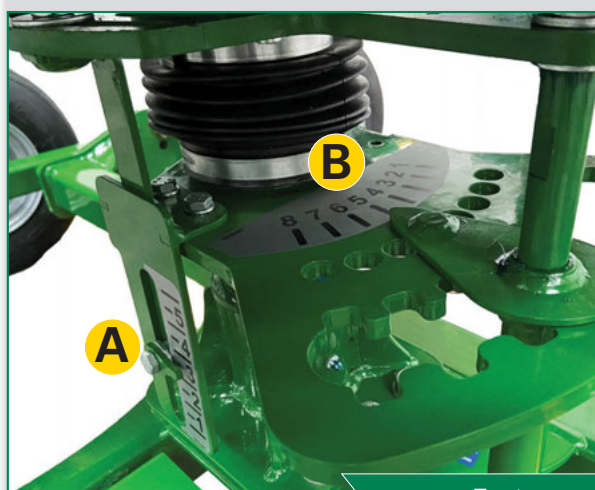
Centre Delivery Rake Range

Steering & Headland Clearance



All the McHale Rakes have the following features:

- Pivoting Headstock
- Heavy Duty Wide Angle Drive Line
- Incab Width Adjustment
- Rotor Height Adjustment & Indicators
- Steering Axle
- High Speed Running Gear
- 380/55 -17 Tyres
- Transport Height Under 4 m
- McHale Heavy Duty Design
- Tine Arm Cam Adjustment & Indicators
- Individual Rotor Lift
- Spare Tine Arm Holders



Features

- A** HEIGHT ADJUSTMENT
- B** TINE ARM CAM ADJUSTMENT

Machine Specification	R62-72*	R68-78
3 Metre Swath Gathering	2 Swaths	3 Swaths
Mounting Type	2 Point Linkage	2 Point Linkage
Mounting Category	CAT I & CAT II	CAT I & CAT II
Incab Adjustable Working Width (m/ ft)	6.2 m - 7.2 m (20' 4" - 23' 7")	6.8 m - 7.8 m (22' 4" - 25' 7")
Windrow Laying Position	Centre	Centre
Number of Rotors & Rotor Wheels	2 rotors / 4 wheels per rotor	2 rotors / 6 wheels per rotor
Rotor Diameter (m/ ft)	2.9 m (9')	3.2 m (10' 6")
Number of Arms	11	13
Number of Tines Per Arm	4	4
Tine Diameter (mm)	10 mm / 3 Coil	10 mm / 3 Coil
Rotor Height Adjustment	Standard	Standard
Tine Arm Cam Adjustment	Standard	Standard
Manual Greasing	Grease Nipples	Grease Nipples
PTO Driveline	Y Gearbox	Y Gearbox
Hydraulic Requirements	1 x Single Acting & 1 x Double Acting	1 x Single Acting & 1 x Double Acting
Axle & Wheels	6 stud - 380/55-17	6 stud - 380/55/-17
Lights & Mudguards	Standard	Standard
Transport Width	2.84 m (9' 4")	2.84 m (9' 4")
Transport Height	3.75 m (12' 4")	3.99 m (13' 1")
Length	6.05 m (19' 8")	6.05 m (19' 8")
Weight	1890 kg (4167 lbs)	2100 kg (4630 lbs)

*Maximum raking width will be determined by the operator, based on crop conditions, field conditions and the finished swath width required. The R62-72 rake when adjusted above 6.8 metres is designed to leave a wider row for a harvester.

F5400



F5500



McHale offers four balers in its F5000 fixed baler range, three Net Binding and one Film Binding baler. All the balers in the McHale F5000 fixed chamber baler range make bales 1.25 m by 1.23 m (4'1" by 4').



1 F5400 – Non Chopper Baler

The F5400 is a non-chopper baler which means it is not equipped with knives. It has central grease blocks on the machine for greasing and is controlled by a Wizard control console. Net and bale density can be adjusted on the machine. The machine is fitted with 380/55 –17 tyres as standard.

Options:

- 1000 RPM Gearbox
- Camless Pickup
- Crop Roller
- Hydraulic Brakes
- Tyres 500/50-17



Wizard Control Console



2 F5500 – 15 Knife Chopper Baler

The F5500 is a 15 knife chopper baler. It has automatic progressive greasing and has a Wizard Plus control console. Net and bale density can be adjusted on the machine. The machine is fitted with 500/50-17 tyres as standard.

Options:

- 1000 RPM Gearbox
- Camless Pickup
- Selectable Knives
- Crop Roller
- Hydraulic Brakes
- Tyres 520/55-22.5



Wizard Plus Control Console



3 F5600 – 25 Knife Fully Automatic Chopper Baler

The F5600 is a 25 knife chopper baler fitted with a servo operated load sensing control valve, which makes the baling process fully automatic. The baler has a Expert Plus control console with a large graphic display. Bale density and net can be adjusted incab and the tailgate will automatically open when the bale is netted and close when used in a auto cycle.

Options:

- 1000 RPM Gearbox
- Camless Pickup
- Selectable Knives
- Crop Roller
- Hydraulic Brakes
- Tyres 520/55-22.5



Expert Plus Control Console



F5600

All F5000 balers have the following features:

- 2.1 m / 7' Pick Up with 5 Tine Bar
- Drop Floor Unblocking System
- 18 Roller Bale Chamber
- McHale Reverse Thread Sealing System
- 50mm Bearings on the Drive & Non-Drive Side
- 55mm Double Row Bearings on Main Load Points
- Heavy Duty Chains
- Automatic Oiling & Progressive Greasing System
- Lube Alarm
- High Speed Netter

Machine Specification	<i>F5400</i>	<i>F5500</i>	<i>F5600</i>
Chopper Unit	Not Available	15 Knife*(Baler Rotor)	25 Knife*(Fusion Rotor)
Unblocking System	Drop Floor	Drop Floor	Drop Floor (Automatic Cycle)
Control Console	Wizard	Wizard Plus	Expert Plus (with Large Graphic Display)
Netter	Manual on Machine	Manual on Machine	In Cab Adjustment
Density	Manual on Baler Valve	Manual on Baler Valve	In Cab Adjustment
Axles & Tyres	8 Stud / 380/55 –17	8 Stud / 500/50-17	8 Stud / 500/50-22.5
Greasing System	Grease Bank (Drive Side) Grease Nipples (Non-Drive Side)	Progressive Greasing	Progressive Greasing
Oiling System	Pump Driven off the Gearbox	Pump Driven off the Gearbox	Pump Driven off the Gearbox
Chamber Bearings	50mm Bearings (Drive & Non-Drive Side) 55mm Double Row Bearings on the main load points	50mm Bearings (Drive & Non-Drive Side) 55mm Double Row Bearings on the main load points	50mm Bearings (Drive & Non-Drive Side) 55mm Double Row Bearings on the main load points
Bale Kicker	Standard	Standard	Standard
Hydraulic Requirements	2 x Double Acting	2 x Double Acting	2 x Double Acting
Brakes	Optional	Optional	Optional
Minimum Power	80hp/ 60 kw	90hp/ 67 kw	100hp/ 75 kw

*Selectable Knife Option



The V6 Variable Chamber Round Baler Range has been designed with the demands of today's farmer and contractor in mind. This common sense approach to design ensures that their operation is kept simple and user friendly. All the balers in the V6 Variable Chamber Baler Range make bales from 0.6 m up to 1.68 m (2' up to 5' 6").

McHale offers two balers in its V6 Variable Chamber Baler Range:



1 V6740 - Non Chopper Baler

The V6740 is a non-chopper variable chamber baler that is equipped with a high intake feed rotor to ensure even and efficient crop flow to the bale chamber. The McHale V6740 is driven by a primary drive system for optimum bale formation. Central grease blocks are fitted on the machine for greasing whilst oiling is controlled through the continuous oiling system. Net and bale density can be adjusted from the cab through the Expert Plus control console. The machine is fitted with 460/65-20 tyres as standard.

Options:

- 1000 RPM Gearbox
- Camless Pickup
- Crop Roller
- Single Belt
- Tyres 500/50 - 22.5



Expert Plus Control Console



2 V6750- 15 Knife Chopper Baler

The V6750 is a semi-automatic variable chamber baler which is fitted with a 15 knife chopper unit and heavy-duty rotor. It is equipped with a double drive system which allows the machine to operate in the toughest of conditions. The double drive system aids belt rotation and bale formation. The machine comes with centralised grease blocks as standard. Automatic greasing is available as an option on all V6750 machines. Net and bale density can be adjusted from the cab through the Expert Plus control console. The machine is fitted with 500/50-22.5 tyres as standard.

Options:

- 1000 RPM Gearbox
- Camless Pickup
- Selectable Knives
- Automatic Progressive Greasing
- Single Belt
- Tyres 520/55 - 22.5



Expert Plus Control Console



All the V6 balers have the following features:

- 2.1 m / 7' Pick Up with 5 Tine Bar
- Drop Floor Unblocking System
- High Density Bale Chamber
- Bale Shape Indicators
- McHale Reverse Thread Sealing System
- Heavy Duty Chains
- Automatic Oiling
- Lube Alarm
- High Speed Netter
- In Cab Net & Density Adjustment



Machine Specification	V6 740	V6 750
Weight	3700 kg (8,157 lbs)	4000 kg (8,818 lbs)
Bale Sizes	0.6 - 1.68 metre (2' up to 5' 6")	0.6 - 1.68 metre (2' up to 5' 6")
Pick Up	2.1 m / 7' High Capacity - 5 Tine Bar	2.1 m / 7' High Capacity - 5 Tine Bar
Crop Roller	Optional	Standard
Chopper Unit	Not Available	15 Knife - 65mm / 2.55" Chop Length
Rotor	Four Star Double Finger Feed Rotor	V6750 Heavy Duty Rotor
Unblocking System	In Cab Control	In Cab Control
Control Console	Expert Plus	Expert Plus
Bale Chamber	3 Belt Bale Chamber Single Belt (Optional)	3 Belt Bale Chamber Single Belt (Optional)
Bale Shape Indicators	Standard	Standard
Drive System	Single Drive	Double Drive
Netter Adjustment	In Cab	In Cab
Density Adjustment	In Cab	In Cab
Tyres / Axle	460/65-20 8 Stud	500/50-22.5 8 Stud
Greasing System	Grease Blocks	Automatic Progressive (Optional)
Oiling System	Continuous - Driven off the Gear Box	Continuous - Driven off the Gear Box
Drive Chains	1 1/4" Chamber Chains 1" Duplex Rotor Chain	1 1/4" Chamber Chains 1" Duplex Rotor Chain
Bale Kicker	Standard	Standard
Brakes	Optional	Optional



The McHale V8 Variable Chamber Round Baler Range has been designed following direct requests from the market for a high output baler with the capacity to produce larger bales. The design and operations of the V8 range has been kept simple and user friendly in order to meet the requirements of today's farmers and contractors. All machines in the V8 variable chamber baler range can produce a bale from 0.6 m up to 1.9 m (2' – 6' 3").

McHale offers two balers in its V8 Variable Chamber Baler Range:



1 V8940 - Non Chopper Baler

The V8940 is a non-chopper variable chamber baler that is equipped with a high intake feed rotor to ensure even and efficient crop flow to the bale chamber. The McHale V8940 is driven by a primary drive system for optimum bale formation. Central grease blocks are fitted on the machine for greasing whilst oiling is controlled through the continuous oiling system. Net and bale density can be adjusted from the cab through the Expert Plus control console. The machine is fitted with 460/65-20 tyres as standard.

Options:

- Camless Pickup
- 1000 RPM Gearbox
- Tyres: 500/50/22.5 or 560/45/22.5



Expert Plus Control Box



2 V8950– 15 Knife Chopper Baler

The V8950 is a semi-automatic variable chamber baler which is fitted with a 15 knife chopper unit and heavy-duty rotor. It is equipped with a double drive system which aids belt rotation and bale formation to allow the machine to operate in the toughest of conditions. The machine comes with centralised grease blocks as standard. Net & bale density can be adjusted from the cab through the Expert Plus control console. The machine is fitted with 500/50-22.5 tyres as standard.

Options:

- Camless Pickup
- 1000 RPM Gearbox
- Selectable Knives
- 25 Knife Rotor & Chopping Unit
- Automatic Greasing
- Tyres: 560/45/22.5



Expert Plus Control Box



All the V8 balers have the following features:

- 2.1 m / 7' Pick Up with 5 Tine Bar
- Drop Floor Unblocking System
- High Density Bale Chamber with 3-Endless Belts
- Bale Shape Indicators
- McHale Reverse Thread Sealing System
- Heavy Duty Chains
- Automatic Oiling
- Lube Alarm
- High Speed Netter
- In Cab Net & Density Adjustment



Machine Specification	V8 940	V8 950
Weight	4,550 kg (10,031 lbs)	4,850 kg (10,692 lbs)
Bale Sizes	0.6 - 1.9 metre (2' up to 6' 3")	0.6 - 1.9 metre (2' up to 6' 3")
Pick Up	2.1 m / 7' High Capacity - 5 Tine Bar	2.1 m / 7' High Capacity - 5 Tine Bar
Crop Roller	Optional	Standard
Chopper Unit	Not Available	15 Knife - 65mm / 2.55" Chop Length
Rotor	Four Star Double Finger Feed Rotor	V8950 Heavy Duty Rotor
Unblocking System	In Cab Control	In Cab Control
Control Console	Expert Plus	Expert Plus
Bale Chamber	3 Belt Bale Chamber	3 Belt Bale Chamber
Bale Shape Indicators	Standard	Standard
Drive System	Single Drive	Double Drive
Netter Adjustment	In Cab	In Cab
Density Adjustment	In Cab	In Cab
Tyres / Axle	460/65-20 8 Stud	500/50-22.5 8 Stud
Greasing System	Grease Blocks	Automatic Progressive (Optional)
Oiling System	Continuous - Driven off the Gear Box	Continuous - Driven off the Gear Box
Drive Chains	1 1/4" Chamber Chains 1" Duplex Rotor Chain	1 1/4" Chamber Chains 1" Duplex Rotor Chain
Bale Kicker	Standard	Standard
Brakes	Optional	Optional



The 991B range is recognised worldwide for its performance and reliability and is the number one choice for professional contractors and farmers. McHale offers three models in its 991B round bale wrapper range for wrapping round bales up to 1.80 m (5' 11") in diameter or up to 1.5 m (5') width.



1 McHale 991BC – Cable Control Bale Wrapper

The 991BC is a four lever cable control machine. The machine comes standard with 3.5 metre cables and has an autostop function which means the rotation lever locks in place after two rotations and stops at a pre-set number of layers. The machine comes with a Wizard control console.

Options:

- 4.5 metre cables
- Side tip damper
- 55% stretch gears
- 5' (1.52 m) Lift Arm



Wizard Control Console



2 McHale 991BJS – Servo Joystick Control Bale Wrapper

The 991BJS is controlled by a single lever servo joystick. The servo joystick can control all machine functions and with a single lever the operator can smoothly transition between functions. The 991BJS also has an automatic cut and hold release allowing the cut and hold to open and release the plastic automatically as the bale is being wrapped.

Options:

- Side tip damper
- 55% stretch gears
- 5' (1.52 m) Lift Arm



Wizard Control Console



3 McHale 991BE – Fully Automatic Bale Wrapper

The 991BE is the top of the range fully automatic bale wrapper which is controlled by an electronic valve and Expert control console. The operator can choose between different programmes depending on the conditions the machine is working in. The 991BE can be fitted with an optional remote control kit for static wrapping.

Standard Features:

- Auto Wrap Cycle
- Auto Load

Options:

- Radio remote control kit
- Side tip damper
- 55% stretch gears
- 5' (1.52 m) Lift Arm



Expert Control Box



All three models in the 991B round bale wrapper range have a number of standard features which include:

- Patented Hydraulic Ground Supported Bale Damper System
- Hydraulically Operated Cut & Hold System
- 750 mm Dispenser with Special Designed Aluminium Dispensers
- Self-Loading Arm
- Quick Fit Dispenser Film Change
- Full Road Light Kit
- Bale Support Bobbins
- Wide Low Ground Pressure Tyres: 340/55-16 on a 6 Stud Rim
- 6 Spare Film Holders



**Expert
Control Console
McHale 991BE**



Wizard Control Console
• McHale 991BC
• McHale 991BJS



**Optional
Radio Remote Control
(991BE Only)**

Specification

Transportation Length	5.7 m (19')
Transportation Width	2.45 m (8'2")
Height to Top of Wrapping Rollers	1.25 m (4'2")
Total Height	2.46 m (8'1")
Weight (unladen)	1870 kg / 4122 lbs
Tyres / Axle	340 / 55 / - 16 6 Stud
Lifting Capacity @ 170 bar	1100 kg / 2425 lbs
Working Speed of Table (up to)	30 Rotations/ Min
Dispenser	750 mm (500 mm Adaptor Optional)
Hydraulic Requirements	22 Litres per Minute @ 170 Bar



991 HIGH SPEED

The 991 High Speed comes as standard with 2 x 750 mm dispensers applying two layers of 750 mm film to the bale at 50% overlap. This reduces the wrapping time by half.

The cab mounted Expert Control Console allows the machine to complete a fully Auto cycle to include bale loading, wrapping and bale tip.

The 991 High Speed can also be used with one roll of film.

Film break sensors are fitted as standard to the 991 High Speed Wrapper so should one roll run out, it will automatically work with one roll of film.

Specification	
Transportation Length	5.7 m (19')
Transportation Width	2.45 m (8'2")
Weight (unladen)	1950 kg / 4299 lbs
Total Height	2.46 m (8'1")
Tyres / Axle	340 / 55 / - 16 6 Stud
Lifting Capacity @ 170 bar	1100 kg / 2425 lbs
Working Speed of Table (up to)	30 Rotations/ Min
Protection Mechanism	Shear Bolt/ Roll Pin
Dispensers	2 x 750 mm
Dispenser Stretch	70% (55% Optional)
Hydraulic Requirements	22 Litres per minute @ 170 Bar
Hydraulic Connections	2 x 1/2" Quick Releases
Film Break Sensors	Standard
Attachment To Tractor	Tow Bar



Ground Supported Damper System

Standard Features

- Expert Control Console
- Heavy Duty Design
- Patented Hydraulic Ground Supported Bale Damper System
- 2 x 750 mm Dispensers
- Reliable Cut & Hold
- Quick Fit Dispenser Film Change
- Low Ground Pressure Wheels
- Ability to Wrap With One Roll (If Required)
- Film Break Sensors
- 6 Spare Film Holders

Options:

- Side Tip Damper
- Radio Remote Control Kit



2 x 750 mm Dispensers



991L

The McHale 991L range of linkage round bale wrappers is the first choice for farmers and contractors who are interested in wrapping bales at the storage site up to 1.6 m (5' 2") in diameter or up to 1.5 m (5') width.

There are three models in the 991L range:

- The 991L is a manual machine operated with cables.
- The 991LBER is a fully electronic machine with remote control activation.
- The 991TBER is a fully electronic machine with remote control activation on a trailed chassis which can accommodate a power pack being mounted on the chassis.

Standard Features

- 750 mm Dispensers with Aluminium Rollers
- Quick Fit Dispenser Film Change
- Extra Film Roll Holders
- Bale Support Bobbins
- Single Acting Oil Supply with Free Flow Return
- Film Break Sensing (991LBER)
- Free Standing When Used With A Power Pack
- Radio Remote Control



Specification	
Total Length	2.8 m (9'2")
Transport Width	1.65 m (5'5")
Height to top of rollers	0.83 m (2'9")
Weight (unladen)	800 kg / 1763 lbs
Max Bale Weight	1200 kg / 2645 lbs
Min Oil Requirement	18 litres per minute @ 150 bar
Electrical Requirement	12v from Battery or Euro Plug
Working speed-table (up to)	30 rotations /min
Film Holders	2
Protection Mechanism	Shear Bolt/ Roll Pin
Dispenser	750/ 500 mm @ 70% (55% optional)
Cut & Tie	Standard
Attachment to Tractor	3 Point Quick Hitch System
Control	Radio Remote Control

McHale

The Professional Choice





The McHale Orbital Bale Wrapper is a high speed round bale wrapper that can wrap bales from 1 m (3'3") up to 1.48 m (4'9").

The McHale Orbital harnesses the proven vertical wrapping ring technology used in the McHale Fusion to deliver a high output, low maintenance bale wrapper which is capable of keeping up with multiple balers.

The Orbital can wrap a bale with 4 layers of film in approximately 18 seconds and wrap a bale with 6 layers of film in under 25 seconds. As a result it delivers unrivaled performance, speed and reliability.

Specification	
Machine Length	4.35 m / 14' 3"
Machine Width	2.74 m / 8' 11"
Machine Height	3.00 m / 9' 10"
Weight	1850 kgs / 4078 lbs
Dispenser Speed	40 rpm
System	Vertical Wrapping Ring
Film Storage	6 Rolls & 2 on the Dispensers
Dispensers	750 mm x 2
Film Stretch	70% Standard (64% or 55% Optional)
Control System	Expert Plus Control Console
Operation	Fully Automatic
Tyre Sizes	Standard: 380/55-17 (Optional: 480/45-17)
Minimum Hydraulic Flow	35 litres / min at 170 bar (2,465psi)
Hydraulic System	Open, Closed or Load Sensing
Minimum HP Requirement	37 kW / 50 hp



Standard Features

- Fully Automatic Operation
- Patented High Speed Transfer System
- High Speed Vertical Wrapping Ring
- Wraps Bales from 3' 3" to 4' 9" (1m - 1.48m)
- Reliable Cut & Hold System
- Film Break Sensors
- Clever Film Loading
- Expert Plus Control Console
- Facility To Wrap With One Roll



Options

- Bale Side Tip
- Wider Tyres: 480/45-17
- Radio Remote Control Kit



991TBER

The 991TBER is a trailed version of the 991LBER round bale wrapper, it gives an operator the flexibility of being able to mount a hydraulic power pack on the front of the machine for transportation and operation.

The 991TBER also features a trailed drawbar and transportation wheels. The 991TBER trailed round bale wrapper is an advanced radio remote controlled bale wrapper, which can be operated from the loading tractor by radio remote control allowing for a one man operation of the loading, wrapping and stacking functions.

Bale Sizes

Round Bales Maximum Diameter: 110cm - 160cm (3' 7" - 5' 2")

Specification	
Total Length	2.8 m (9'2")
Transport Width	1.65 m (5'5")
Height to top of rollers	0.83 m (2'9")
Weight (unladen)	800 kg / 1763 lbs
Max Bale Weight	1200 kg / 2645 lbs
Min Oil Requirement	18 litres per minute @ 150 bar
Electrical Requirement	12v from Battery or Euro Plug
Working speed-table (up to)	30 rotations /min
Film Holders	2
Protection Mechanism	Shear Bolt/ Roll Pin
Dispenser	750/ 500 mm @ 70% (55% optional)
Cut & Tie	Standard
Attachment to Tractor	3 Point Quick Hitch System
Control	Radio Remote Control

Standard Features

- Platform for Mounting Hydraulic Power Pack
- Radio Control Remote Operation
- Hydraulically Operated Cut & Hold System
- 750 mm Dispenser with Special Designed Aluminium Rollers
- Film Break Sensors
- Quick Fit Dispenser For Film Change
- Extra Film Roll Holders
- Bale Support Bobbins
- Road Lights

Optional

- Power Pack



991TBER With Power Pack



Expert
Control Console



995TSR

The McHale 995 Trailed Single Dispenser Fully Automatic Remote Control Square bale wrapper range is the practical and versatile solution for wrapping large square bales. It gives an operator the flexibility of being able to mount a hydraulic power pack on the front of the machine for transportation and operation.

The 995TSR is an advanced radio remote controlled bale wrapper, which can be operated from the loading tractor by radio remote control allowing for a one man operation of the loading, wrapping and stacking functions. It also features a trailed drawbar and transportation wheels.

Bale Sizes

Round Bales Maximum Diameter/ Max. Width 180cm (5'10")
Square Bales 70 x 80, 80 x 80, 80 x 90 mm -Length 180 cm

Specification

Total Length	3.1 m (10'2")
Transport Width	1.73 m (5'8")
Height to top of rollers	0.97 m (3'2")
Weight (unladen)	1100 kg / 2200 lbs
Max Bale Weight	1000 kg / 2000 lbs
Min Oil Requirement	18 litres per minute @ 150 bar
Electrical Requirement	12v from Battery or Euro Plug
Working speed-table (up to)	30 rotations /min
Film Holders	2
Protection Mechanism	Shear Bolt/ Roll Pin
Dispenser	750/ 500 mm @ 70% (55% optional)
Cut & Tie	Standard
Attachment to Tractor	Towbar
Control	Radio Remote Control

Standard Features

- Platform for Mounting Hydraulic Power Pack
- Radio Control Remote Operation
- Hydraulically Operated Cut & Hold System
- 750 mm Dispenser with Special Designed Aluminium Rollers
- Film Break Sensors
- Quick Fit Dispenser For Film Change
- Extra Film Roll Holders
- Bale Support Bobbins
- Road Lights

Optional

- Power Pack



995TSR With Power Pack



McHale 998 Square Bale Wrapper Range

The 998 is a high capacity square bale wrapper suitable for all sizes of square bales from 80 cm (2' 6") x 60 cm (2') to 160 cm (5' 3") x 120 cm (4') including double bales. The machine is fully automated and all controls and adjustments are via the Expert Control Console in the tractor cab. From here you also control the various bale sizes. All machines in the 998 Range come as standard with a fully integrated PTO driven load sensing hydraulic system.

McHale offers two models in its 998 Square Bale Wrapping Range:



1 998 Square Bale Wrapper

The 998 square bale wrapper is packed with features including conveyor loading and fast positioning of the square bale into the bale wrapping position, hydraulically operated cut and tie system, auto square bale levelling and a two point linkage mounted swivel head-stock. The 998 wraps all sizes of square bale from 80 cm x 60 cm to 160 cm x 120 cm including double square bales.

Options

- Wired Handpiece Control
- Remote Control Kit
- Static Wrapping Table



2 998 HIGH SPEED Square Bale Wrapper

The McHale 998 High Speed contains all the features of the standard McHale 998. Through the use of 2D Laser Sensors it allows the 998 High Speed to operate at approximately 40rpm. This has the ability to deliver 35% more output over a standard 998.*

Options

- Wired Handpiece Control
- Remote Control Kit
- Static Wrapping Table



*Based On Field Test Conducted in 2017

Square Bale Wrappers



Standard Features:

- Hydraulic Drawbar Movement
- 2 X 750 mm Dispensers
- Patented Oscillating Rollers for Even Wrap Application and Bale Rotation
- Quick-Fit Dispenser Film Change
- Hydraulic Cut & Tie
- Fully Automatic Electronic Control
- In-cab Control of Bale Size and Film Layers
- Automatic Bale Levelling
- Film Break Sensors
- Low Ground Pressure Tyres
- 8 Roll Storage
- Continuous Cycle Function
 - Load/ Wrap/ Drop Bale
- Adjustable Max Speed Setting**



Patented oscillating rollers for even wrap application

Bale Sizes

	Bale Sizes
Square bales (Min Size)	80 cm (2' 6") x 60cm (2')
Square bales (Max Size)	160cm (5' 3") x 120cm (4') including double bales
Max bale length	2.1 m (7')***

**only on McHale 998 High Speed

Machine Specification	998	998 HIGH SPEED
Transport Length	7.3 m (24')	7.3 m (24')
Transport Width	2.92 m (9' 7")	2.92 m (9' 7")
Transport Height	3.5 m (11' 6")	3.5 m (11' 6")
Weight (Unladen)	3875 kg/ 8542 lbs	3875 kg/ 8542 lbs
Bale Sizes	From 80 cm (2' 6") x 60 cm (2') to 160 cm (5' 3") x 120 cm (4') including double bales Max bale length 2.1m (7')***	From 80 cm (2' 6") x 60c m (2') to 160 cm (5' 3") x 120 cm (4') including double bales Max bale length 2.1M (7')***
Tyres / Axle	400/70-20 6 Stud Braked	400/70-20 6 Stud Braked
Attachment to Tractor	Cat II /III lower linkage SAE 6 spline PTO shaft	Cat II /III lower linkage SAE 6 spline PTO shaft
P.T.O Speed	500-800 RPM	500-800 RPM
Hydraulic Requirement	Continuous - Independent Load Sensing Pump Driven off PTO	Continuous - Independent Load Sensing Pump Driven off PTO
Hydraulic Connection	3 x Male 1/2" Quick Release	3 x Male 1/2" Quick Release
Brakes	Hydraulic Brakes Standard	Hydraulic Brakes Standard
Spare Roll Storage	8	8
High Speed Sensors	N/A	Standard
Roll Loading Stand	Standard	Standard
Dispenser Index Button	Standard	Standard
Remote Control Kit	Optional	Optional
Static Wrapping Table	Optional	Optional

***Dependent on bale profile and shape.



R5

The McHale R5 round bale handler is ideal for collecting round bales, which have been tipped on their ends in the field. The McHale R5 Round Bale Handler can also be used to collect round bales, which have been left normally after a baler and rotate them through 90 degrees and stack them on their ends so that they hold their shape better.



Specification	R5
Weight	160 kg / 352 lbs
Height	0.59 m / 2'0"
Length (overall)	1.42 m / 4'7"
Length of Arms	1.2 m / 3'11"
Max width (fully open)	1.75 m / 5'9"
Open Distance between the Arms	1.65 m / 5' 5"
Closed Distance between the Arms	0.67 m / 2'3" (open)
Lifting Capacity	1100 kg / 2425 lbs
Hydraulic Requirements	One Double Acting Service
Check Valve & Pipes	Standard
Minimum Hydraulic Pressure	150 bar / 2250 lbs/sq.in

Standard Features

- Lockable Arms with Slim Bale Hands
- Handler Design Ensures Safe Operation
- Hydraulic Check Valve & Hydraulic Pipes

Options

- Factory Fitted Euro Loader Bracket

691

The McHale 691 round bale handler is a heavy duty handler with rotating rollers that have tine reinforcement. On the 691 round bale handler, the rotating rollers can be removed, transforming the 691 round bale handler into a spike type round bale handler capable of transporting two unwrapped bales of hay or straw.



Specification	691
Weight	160 kg / 352 lbs
Height	0.59 m / 2'0"
Length (overall)	1.42 m / 4'7"
Length of Arms	1.2 m / 3'11"
Max width (fully open)	1.75 m / 5'9"
Open Distance between the Arms	0.67 m / 2'3" (open)
Closed Distance between the Arms	0.67 m (open) 2'3" (open)
Lifting Capacity	1100 kg / 2425 lbs
Hydraulic Requirements	One Double Acting Service
Check Valve & Pipes	Standard
Minimum Hydraulic Pressure	150 bar / 2250 lbs/sq.in

Standard Features

- Rotating Rollers to Avoid Bale Damage
- Removable Rollers to Expose Two Spikes
- Safe Bale Transportation

Options

- Factory Fitted Euro Loader Bracket

994BS

Combining simplicity and strength, the McHale 994 Bale Splitter cuts bales of silage, hay or straw, quickly, neatly and efficiently. The McHale round bale splitter is powered by a double acting hydraulic cylinder and a uniquely designed knife, the round bale splitter will securely transport bales from the stacking site to the feeding location. The operator simply splits the bale as desired in the feeding area or into a feeder wagon. If the McHale round bale splitter splits the bale in the feed out area, it can also be used to push the bale segments into the feeding location.



Specification	994 BS
Weight	230 kg / 507 lbs
Length (overall)	2.05 m / 6'8"
Width	1.25 m / 4'2"
Height Open	2.20 m / 7'3"
Height Closed	1.00 m / 3'3"
Lifting Capacity	1100 kg / 2425 lbs
Hydraulic Requirements	One Double Acting Service
Minimum Hydraulic Pressure	150 bar / 2250 lbs/sq.in

Standard Features

- Uniquely Designed Knife
- Ability to split bale into a number of segments
- Tine positioning allows for safe transportation of the bale/ bale segments to feeding location

McHale

1 Control Console

All models in the C4 Range come with an easy to use control console with joystick chute control as standard. All the major machine functions are grouped on this operator efficient control console.



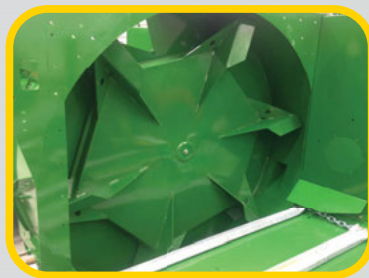
2 Blowing & Feeding Chute

The three-stage chute minimises resistance and thus allows for a maximum blow distance of up to 18 metres. A silage extension chute for passage feeding is fitted as standard.



3 Flywheel/ Blowing Turbine

The large diameter flywheel (straw blowing turbine) on the McHale C4 Range is fitted with 6 blowing paddles and is specially designed to facilitate good discharge and excellent clean out.



4 High Torque Belt Drive Rotor

The belt system ensures that the flywheel (Straw blowing turbine) can be worked independently of the rotor. This reduces horse power requirements and ensures that the machine is less likely to block on start up.



C4 Silage Feeder & Straw Blower Range

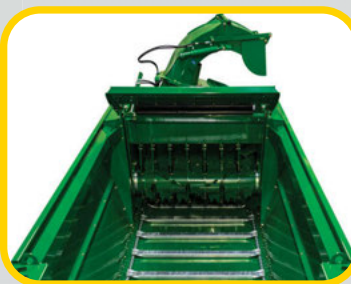


5 Rotor with Hydraulic Feed



The feed rotor is equipped with 56 blades mounted on seven discs and is driven by a hydraulic motor. This ensures even bale feeding.

6 Machine Body



The machine body is narrow at the bottom and tapers out as the machine gets higher for superior visibility. When the bale is turning in the machine any loose material falls within the machine body.

7 Bale Loading



A bale can be loaded onto the machine without the need for a second tractor. The cupped tailgate design means the bale can be held, while the twine or net is being removed.

8 Floor Conveyor



The floor conveyor is a hydraulically driven chain and slat conveyor. The slat format ensures consistent and even feed to the rotor.



The C4 Straw Blower & Silage Feeder Range consists of four versatile machines, which can be used for feeding short fibre silage (bales or clamp silage) and can also be used to easily distribute long fibre fodder such as hay and straw.

McHale offer four machines in this range. Machines can use round or square bales for feeding or bedding purposes.



1 C430 – 3-Point Linkage Machine

The McHale C430 is a 3 point linkage mounted straw blower and silage feeder designed to carry, chop, blow/feed out bales of silage, haylage, hay or straw.

Standard Features:

- Electronic In Cab Control
- External Electronic Controls
- Road Lighting Kit

Options:

- Dust Suppression Kit



Electronic In Cab Control



2 C460 – Trailed / Capacity for two 1.2m / 4' Bales

The McHale C460 is a trailed machine designed to chop and blow/feed out bales of silage, haylage, hay or straw. The machine has a capacity to carry two 1.2 m (4ft) bales of material.

Standard Features:

- Electronic In Cab Control
- External Electronic Controls
- Road Lighting Kit

Options:

- Dust Suppression Kit
- Mudguards



Electronic In Cab Control



3 C470 – Trailed / Extra Capacity / X2 large 1.5m / 5' Bales

The McHale C470 is a trailed machine designed to chop and blow/feed out bales of silage, haylage, hay or straw. The machine has a capacity to carry two 1.5 m (5ft) bales of material.

Standard Features:

- Electronic In Cab Control
- External Electronic Controls
- Road Lighting Kit

Options:

- Dust Suppression Kit
- Mudguards



Electronic In Cab Control



4 C490 – Trailed / Extra Capacity / X3 large 1.5m / 5' Bales

The McHale C490 is a trailed machine designed to chop and blow/feed out bales of silage, haylage, hay or straw. The machine has a capacity to carry three 1.5 m (5ft) bales of material.

Standard Features:

- Electronic In Cab Control
- External Electronic Controls
- Road Lighting Kit

Options:

- Dust Suppression Kit
- Mudguards



Electronic In Cab Control



C4 - Straw Blower & Silage Feeder Range

All machines in the C4 Straw Blower & Silage Feeder Range have the following features;

- High Torque Belt Drive Rotor
- 300° Swivel Chute with Joystick Control
- Rotor with Hydraulic Feed
- Twin Speed Gearbox
- Floor Conveyor

- Specially Designed Flywheel with 6 Blowing Paddles to Facilitate Good Discharge
- Self-Loading Tailgate (with External Controls)
- Compact Machine Body
- Wide Angle PTO Shaft

Machine Specification	C430	C460	C470	C490
Round Bale Capacity	1 x 1.2 m (47") diameter bales	2 x 1.2 m (47") diameter bales	2 x 1.5 m (59") diameter bales	3 x 1.5 m (59") diameter bales
Cubic Capacity	2.2 m ³	3.65 m ³	4.65 m ³	6.85 m ³
Gearbox	Twin Speed Gearbox	Twin Speed Gearbox	Twin Speed Gearbox	Twin Speed Gearbox
Rotor Drive Type	High Torque Belt Drive	High Torque Belt Drive	High Torque Belt Drive	High Torque Belt Drive
Number of Knives	56 (Optional 112)	56 (Optional 112)	56 (Optional 112)	56 (Optional 112)
Max Discharge Distance	18 m (59')	18 m (59')	18 m (59')	18 m (59')
Control Console	Electrical with Joystick Chute Control	Electrical with Joystick Chute Control	Electrical with Joystick Chute Control	Electrical with Joystick Chute Control
Chute Composition	3 Stage	3 Stage	3 Stage	3 Stage
Chute Rotation	300°	300°	300°	300°
Tractor Mounting Linkage	3 Point Linkage	Drawbar / or 2 Point Linkage (Optional)	Drawbar / or 2 Point Linkage (Optional)	Drawbar / or 2 Point Linkage (Optional)
Minimum HP	90 kW (120 hp)	51 kW (68 hp)	51 kW (68 hp)	51 kW (68 hp)
PTO	Wide Angle	Wide Angle	Wide Angle	Wide Angle
External Door & Floor Control	Standard	Standard	Standard	Standard
Lights	Folding Rear Lights	Folding Rear Lights	Folding Rear Lights	Folding Rear Lights
Drive Protection	Clutch (No Shear Bolts)	Clutch (No Shear Bolts)	Clutch (No Shear Bolts)	Clutch (No Shear Bolts)
Hydraulic Connection	1 x feed, 1 x return	1 x feed, 1 x return	1 x feed, 1 x return	1 x feed, 1 x return
Fly Wheel	1.57 m Diameter Fitted with 6 Blowing Paddles	1.57 m Diameter Fitted with 6 Blowing Paddles	1.57 m Diameter Fitted with 6 Blowing Paddles	1.57 m Diameter Fitted with 6 Blowing Paddles



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