The McHale 991 Range sets the pace for efficient and effective round bale wrapping. Practical design, quality components and precision engineering make the 991 Range the first choice for contractors and farmers who want a high quality and consistent performance in all types of conditions and terrain. Packed with practical and reliable features the 991 Range is designed with the efficient operator in mind. Look for the hydraulically operated cut and tie system, the efficient dispenser, (which maximises film usage) and the 991’s patented ground supported damper system and you will see why you will look to the 991 Range for your choice. Like all McHale Balewrappers, the high output 991 Range will give you a tightly wrapped bale that contains all the natural juices for increased nutritional value while improving environmental protection.

**DAMPER SYSTEM**

The uniquely designed McHale Patented Bale Damper system is probably one of the most important features of the McHale machine. Only a McHale Balewrapper will give you a ground supported bale damper, which will gently lower the bale to the ground and at the same time eliminate all stress to the chassis. When the rotating table stops and is raised to the tip position, the heavy duty bale damper raises to cradle the bale while a second arm is lowered automatically to the ground. This allows the heaviest of bales to be gently lowered eliminating any damage.

**CUT & TIE**

The McHale hydraulically operated Cut and Tie System cuts and holds the film in position ready to wrap the next bale. This time saving device eliminates the need to manually reattach the film. Uniquely designed, this system works reliably and consistently in all weather conditions.

**QUICK FIT DISPENSER**

Reloading New Roll

Locking in New Roll
991 BE Electronic Control
The cab mounted “expert series” electronic control console fully automates the functions of the wrapping operation. Using an infra red control you can eliminate the need for second tractor and operator.

Bale Wrap Computer
Available on all models except the 991 BE. The bale wrap monitor, counts bale rotation, stores working totals as well as indicating bales per hour and bale rotation speed.

Road Lights
A full road lighting kit is standard with all models.

Side Tip Damper
The side tip damper allows bales to be gently lowered to the ground and tipped on their ends where there is more plastic. This minimises damage in stalky crops.

“Practical Design and Quality Components.”
Levers on 991BE
Four levers allow the operator to manually over-ride the electronic control unit and activate all the wrapping operations.

Joystick Control 991 BJ
A single lever Servo Joystick provides accurate control and ease of operation from the tractor seat. Automatic cut and tie release is standard on this model.

Shear Bolt Unit
A Shear Bolt Unit protects the gear box when wrapping mis-shaped bales.

Tyres
Oversize wheels are available as an option for wet ground conditions.
The Models and Features to Suit your Requirements

**991B–BC**

The 991B - BC comes with the following as standard

- 4 Lever Control
- 750mm Film Dispenser
- Cut and Tie System
- Patented Ground Supported Damper
- Wide Low Ground Pressure Tyres
- Film Roll Holders
- Self Loading Arm
- Counter Balance Weight
- Bale Support Bobbins
- Shear Bolt Unit

991BC also features all of the above plus

- 3.5 Metre Cables (BC model)
- Auto Stop Function (Rotation lever locks after 2 rotations and stops at the preset no. of layers)

Optional Extras

- Side Tip Damper
- 55% Stretch Gears
- 500mm Dispenser Kit
- 4.5m Cables (for 991BC)

**991BJS**

The 991 BJS comes with the following as standard

- Single Lever Servo Joystick Control (Fully functional single lever joystick operation with smooth transition between functions and easy movement due to low pressure servo hydraulic control).
- Automatic Cut and Hold Release
- 750mm Film Dispenser
- Cut and Tie System
- Patented Ground Supported Damper
- Wide Low Ground Pressure Tyres
- Film Roll Holders
- Self Loading Arm
- Counter Balance Weight
- Bale Support Bobbins
- Shear Bolt Unit

Optional Extras

- Side Tip Damper
- 55% Stretch Gears
- 500mm Dispenser Kit

**991BE**

The 991BE comes with the following as standard

- Fully Automated Electronic Control Unit allows the user to select from 3 Cycle Options;
  2. Automatic Load and Wrap Cycle
  3. Automatic Load – Wrap and Tip Cycle
- Auto Load Lift Arm Function
- Film Break Sensor
- 750mm Film Dispenser
- Cut and Tie System
- Patented Ground Supported Damper
- Wide Low Ground Pressure Tyres
- Film Roll Holders
- Self Loading Arm
- Counter Balance Weight
- Bale Support Bobbins
- Shear Bolt Unit

Optional Extras

- Side Tip Damper
- 55% Stretch Gears
- 500mm Dispenser Kit
- Remote Control Kit for Static Wrapping (991BER)
## Technical Data

### Trailed Model [Round] 991B, 991BJS, 991BE, 991BER

<table>
<thead>
<tr>
<th>Specification</th>
<th>991B, 991BJS, 991BE, 991BER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport Length</td>
<td>5.7m (19')</td>
</tr>
<tr>
<td>Transport Width</td>
<td>2.45m (8'2'')</td>
</tr>
<tr>
<td>Height to top of rollers</td>
<td>1.25m (4'2'')</td>
</tr>
<tr>
<td>Total Height</td>
<td>2.46m (8'1'')</td>
</tr>
<tr>
<td>Weight (unladen)</td>
<td>1870 kg. (4123 lbs.)</td>
</tr>
<tr>
<td>Wheel Dimensions</td>
<td>350 x 50 x 16</td>
</tr>
<tr>
<td>Lift Capacity @ 170 bar</td>
<td>1100 kg. (2425 lbs.)</td>
</tr>
<tr>
<td>Working speed-table (up to)</td>
<td>30 rotations/ min</td>
</tr>
<tr>
<td>Attachment to tractor</td>
<td>Tow bar</td>
</tr>
<tr>
<td>Protection Mechanism</td>
<td>Shear bolt/ roll pin</td>
</tr>
<tr>
<td>Greasing Points</td>
<td>19</td>
</tr>
<tr>
<td>Dispenser - Aluminium (70-55%)</td>
<td>750/ 500mm</td>
</tr>
<tr>
<td>Film Layers</td>
<td>2 + 2 or 2 + 2 + 2</td>
</tr>
</tbody>
</table>

### Hydraulic Requirements
- 22 l/ min @ 170 bar

### Hydraulic connections
- 2 x 1/2" male quick releases

### Electrical Requirements
- **991B/ BC**: 12v/ 7 pin
- **991BJS**: 12v/ Euro-plug
- **991BE**: 12v/ from battery
- **991BER**: 12v/ from battery

### Driver Control
- **991B/ BC**: 4 lever control
- **991BJS**: Single lever joy stick
- **991BE**: Elec. box
- **991BER**: Elec. box & remote

### Export Packaging Dimensions per stack of 2
- Length: 3.27m (10'9'')
- Width/Height: 2.30m (7'7'')
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 inhouse 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”.

Ballinrobe,
Co. Mayo, Ireland

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F. 353 (0) 94 95 20356
E. sales@mchale.net

SUPPLIED BY:

www.mchale.net
McHale 995
Square Bale Wrapper
995L-LS-LSR-TSR Series

The Professional Choice
The McHale linkage Square Balewrapper is the practical and versatile solution for wrapping large square bales. With the usual McHale common sense design, quality components and precision engineering the Linkage Square Balewrapper is the trusted choice for framers who want high output and consistent performance for use in static locations. Depending on your requirements the 99L Series can be supplied with practical features including the hydraulic cut and the tie system and the efficient 750mm film dispenser unit which maximises film usage, all of which can be simply controlled with the touch of a button or a remote control. The constantly rotating rollers ensures an even rotation of the bale and the efficient application of the film. Versatile too, with a simple adjustment the 995L Linkage Square Balewrapper will equally and efficiently wrap large round bales. Like all McHale Balewrappers, the high output 995L Series will give you a tightly wrapped bale that contains all the natural juices for increased nutritional value while improving environmental protection.

Remote Control
When used with an independent power pack and an infra red remote control, this machine will eliminate the need for a second tractor and operator. While one bale is being wrapped the operator can stack the last completed bale ready to complete the cycle. This economical and efficient method of bale wrapping can reduce operating costs by up to 50% while keeping the handling of the wrapped bales to a minimum.

Cut & Tie
The McHale hydraulically operated Cut and Tie System cuts and holds the film in position ready to wrap the next bale. This time saving device eliminates the need to manually reattach the film. Uniquely designed, this system works reliably and consistently in all weather conditions.

Quick Fit Dispenser
Reloading new roll
Locking in new roll
McHale 995 TSR is a trailed option of this machine it gives you the flexibility of being able to mount a hydraulic power pack on the front of the machine.

**995**

Square Bale Wrapper

**995L-LS-LSR-TSR Series**

**Versatility**

The 995 Series is practically designed to wrap both round and square bales with equal efficiency.

**Technical Data**

<table>
<thead>
<tr>
<th>Linkage Model [Square]</th>
<th>995L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport Length</td>
<td>3.1m (10'2&quot;)</td>
</tr>
<tr>
<td>Transport Width</td>
<td>1.73m (5'8&quot;)</td>
</tr>
<tr>
<td>Height to top of rollers</td>
<td>0.97m (3'2&quot;)</td>
</tr>
<tr>
<td>Total Height</td>
<td>1.97m (6'6&quot;)</td>
</tr>
<tr>
<td>Min oil req. litres per minute</td>
<td>18 @ 150 bar</td>
</tr>
<tr>
<td>Max bale weight</td>
<td>1000kg. (2000 lbs)</td>
</tr>
<tr>
<td>Weight (unladen)</td>
<td>1100 Kg. (2200 lbs)</td>
</tr>
<tr>
<td>Working speed-table (up to)</td>
<td>30 rotations/min</td>
</tr>
<tr>
<td>Protection Mechanism</td>
<td>Shear bolt/roll pin</td>
</tr>
<tr>
<td>Greasing Points</td>
<td>15</td>
</tr>
</tbody>
</table>

**Bale Sizes**

| 70 x 80, 80 x 80, 80 x 90 mm | Length 180 cm |
| Round bales Max. Diameter    | 180 cm |
| Round bales Max. Width       | 180 cm |

Due to the continuing policy of product improvement, we reserve the right to alter specification and construction without notice.
The McHale 998 square balewrapper is the versatile solution for wrapping square bales. Common sense design, quality components and precision engineering make the 998 the trusted choice for contractors and farmers who demand high output and consistency performance in all conditions and terrain. Packed with features including conveyor loading and fast positioning of the square bale into the wrapping position, hydraulically operated cut and tie system, auto bale levelling and a two point linkage mounted, swivel head-stock. The 998 wraps all bale sizes from 80cm X 70cm to 160cm X 120cm including double bales. The in-cab control unit enables the operator to change bale sizes and select the desired number of film layers. When set, one touch of the auto start button operates the complete cycle from start to finish. The patented roller angle measuring device gives a consistent and even wrapping regardless of the bale size or shape and also allows for extra care wrapping.

PTO Power

The McHale 998 square balewrapper has a fully integrated, PTO driven load-sensing hydraulic system. This simplifies tractor changeover and gives consistent working every time, eliminating problems with differing tractor hydraulic systems, oil flows, standards and temperature of oil.

Cut & Tie

The McHale hydraulically operated Cut and Tie System, cuts and holds the film in all weather conditions with the maintenance free, automatic accumulator priming. This time saving device eliminates the need to manually re-attach the film always holding it ready for the next stage.

Dispenser

The unique McHale film dispenser keeps the angle of the dispensing unit constant during the wrapping process. This ensures consistent stretch throughout the different side lengths of the bale. It also features the quick fit film mechanism now common to all McHale machines.
Accurate Rotation of Bale While Wrapping  998 Unloading Conveyor Up  998 Unloading Conveyor Down
Conveyor loading of double bale
Wrapping of double bale
Simultaneous loading & wrapping
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.

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### Technical Data

**Trailer Model [Square] 998**

<table>
<thead>
<tr>
<th>Specification</th>
<th>998</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport Length</td>
<td>7.30 m (24')</td>
</tr>
<tr>
<td>Transport Width</td>
<td>3.02 m (10')</td>
</tr>
<tr>
<td>Transport Height</td>
<td>3.5 m (11'6&quot;)</td>
</tr>
<tr>
<td>Weight (unladen)</td>
<td>3875kg (8,680 lbs)</td>
</tr>
<tr>
<td>Wheel Dimensions</td>
<td>16.0/70-20 12 ply</td>
</tr>
<tr>
<td>Attachment to Tractor</td>
<td>Cat II/II/III lower linklage</td>
</tr>
<tr>
<td>P.T.O. speed</td>
<td>500 - 800 RPM</td>
</tr>
<tr>
<td>Hydraulic req.</td>
<td></td>
</tr>
<tr>
<td>1 double acting spool valve</td>
<td>Floating conveyor</td>
</tr>
<tr>
<td>1 single acting spool valve</td>
<td></td>
</tr>
<tr>
<td>Film Layers:</td>
<td>Operator selected</td>
</tr>
<tr>
<td>Electrical Requirements</td>
<td>12 volt DC @ 5A</td>
</tr>
<tr>
<td>Drivers Control</td>
<td>Electronic Control Box</td>
</tr>
<tr>
<td>Bale Sizes</td>
<td></td>
</tr>
<tr>
<td>From 80cm x 70cm to 160cm x 120cm including double bales</td>
<td></td>
</tr>
<tr>
<td>Max Bale length 180cm</td>
<td></td>
</tr>
<tr>
<td>Standard Equipment</td>
<td></td>
</tr>
<tr>
<td>2 x 750 mm dispensers</td>
<td></td>
</tr>
<tr>
<td>Self contained load sensing hydraulic system</td>
<td></td>
</tr>
<tr>
<td>Conveyor pick up, loading and unloading</td>
<td></td>
</tr>
<tr>
<td>Fully automatic electronic operation</td>
<td></td>
</tr>
<tr>
<td>In cab control of bale size and film layers</td>
<td></td>
</tr>
<tr>
<td>Automatic Cut &amp; Hold</td>
<td></td>
</tr>
<tr>
<td>Low ground pressure tyres</td>
<td></td>
</tr>
<tr>
<td>Brakes and lights</td>
<td></td>
</tr>
<tr>
<td>Hydraulic drawbar</td>
<td></td>
</tr>
</tbody>
</table>

### Optional Equipment

- Remote Control kit
- Round Bale Kit
- Unloading Conveyor

DISCLAIMER

This literature is designed for worldwide circulation. Due to a continuing policy of product improvement, we reserve the right to alter specifications and constructions without notice. As machines are exported to many different countries, general information, pictures and descriptions are provided; these should be taken as approximate and may include optional equipment that is not part of the standard specification.

Please consult your local dealer or distributor for further information.

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