



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 9001/2000 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".

991 High Speed

TECHNICAL DATA

Transportation Length	5.7m (19')
Transportation Width	2.45m (8'2")
Height to Top of Wrapping Rollers	1.25m (4'2")
Total Height	2.46m (8'1")
Weight (unladen)	1950kg (4299 lbs)
Wheel Dimensions	350/50 -16
Lifting Capacity @170 bar	1100 kg (2425 lbs)
Working Speed of Table (up to)	30 Rotations/ Min
Attachment to Tractor	Tow Bar
Protection Mechanism	Shear Bolt/ Roll Pin
Dispensers (70 - 55%)	Two 750mm Dispensers
Hydraulic Requirements	22 L/ Min @170 Bar
Hydraulic Connections	2 x 1/2" Male Quick Releases
Electrical Requirements	12v from Battery or Euro Plug
Control Console	RDS Expert



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SUPPLIED BY:

McHale

991 High Speed

**2 dispensers =
50%
more output**
when compared with a 991BE



The Professional Choice

OUR SPECIFICATION

The McHale 991 High Speed sets the pace for efficient and effective round bale wrapping. Packed with practical and reliable features, the 991 High Speed is designed with the efficient operator in mind. Round bale wrapper users should look towards the hydraulically operated cut and tie system, the efficient round bale wrapper double dispenser, which maximises film usage and the 991 High Speed's patented ground supported damper system. Like all McHale round bale wrappers, the high output 991 High Speed bale wrapper will deliver a tightly wrapped silage bale that contains all the natural juices, which ensures increased nutritional value, while improving environmental protection.

1. Dispensers

The two 750mm aluminium dispensers maintain a consistent stretch, which maximises film usage. The dispenser unit consists of two aluminium rollers, which are geared to each other with robust steel gears of different ratios. The dispensers are stepped so that there is an overlap where the two sheets of plastic come together.

2. Lift Arm & Wrapping Table

The lift arm can be activated with the press of a button, this will load the bale and return the lift arm to a position, which is clear of the table before the wrapping cycle starts.

The round bale wrapping table on the 991 High Speed round bale wrapper is constructed of four heavy-duty belts, which ensure smooth and even bale rotation even when dealing with loose or asymmetric bales.

A smooth wrapping seal is guaranteed as the machine delivers a 50% overlap. Shear bolt protection ensures that asymmetric shaped bales do not damage the machines gearbox or drive line.

3. Cut and 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.

The McHale cut and tie is designed in such a way that as it gathers the plastic to one point before it is cut, it pulls the plastic against the side of the bale so that tails are minimised from both rolls.

4. Quick Fit Dispensers

Film loading is made easy on the machine with the McHale lock and load system. When the operator removes the core of the empty film roll, the top roller locks in the open position. When the new roll is loaded, the operator simply pulls the cord at which point the top roller is released and locks the roll in position.



5. Damper System

The uniquely designed McHale Patented Bale Damper system is probably one of the most important features on the McHale 991 High Speed Balewrapper. The bale damper system will gently lower the bale to the ground and at the same time eliminate the stress on the chassis of the machine.

When the rotating table stops and is raised to the tip position, the heavy-duty damper raises to cradle the bale, while the second arm is lowered automatically to the ground. This allows the heaviest of bales to be gently lowered, eliminating any damage.

6. 991 High Speed Control Console

The cab mounted control console is the operator's link to this high output machine. The operator is kept up to date on key machine operations through the graphic display.

From the control console, the operator can select

- the auto bale load function.
- the auto bale tip function.
- the number of film layers to be applied to the bale.
- single roll wrapping mode.

While the 991 High Speed is fully automatic in operation, the operator can select various options depending on ground conditions.

7. Automatic Film Break Sensors

The 991 High Speed is fitted with film break sensors, which monitor the plastic as it is applied to the bale. Should one roll of plastic break or run out, the machine will detect this and notify the operator through the control box and automatically switch to single dispenser mode. The machine then continues to wrap the bale but slows bale rotation and increases the number of table rotations to compensate for the broken roll. This ensures that bales are always wrapped correctly.

8. Wrapping with one Roll of Film

In either of the following cases

- you arrive at a job and only one roll of film is supplied.
- you are down to your last roll of film.

The operator can manually adjust the dispenser post height to its maximum position using the height adjustment handle. When in this position the roll of plastic can be put on the dispenser closest to the tractor. With this dispenser position the plastic will be applied to the centre of the bale to ensure the correct overlap. The operator can then select the "X1" button on the control console and allow the machine to operate as a single dispenser machine.

