McHale W2020

STACKING BALE WRAPPER

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The Professional Choice

McHale W2020 STACKING BALE WRAPPER

The McHale W2020 is a high-speed stacking bale wrapper. It is a compact machine, which allows one operator to transport, wrap and stack the bale with one tractor or loader. The W2020 can wrap a bale with four layers of plastic in approximately 20 seconds and with six layers of plastic in 30 seconds. The W2020 is controlled by an expert plus control box, which makes wrapper operation fully automatic.

Machine Mounting

The W2020 is a versatile machine, which can be attached in one of three ways:

1. Rear Linkage

The machine can be fitted to the rear linkage of a low horsepower tractor. This is an ideal way to mount the machine where the machine will work in soft ground conditions or on hills. The W2020 provides high speed wrapping capabilities, while keeping machine weight to a minimum and keeping the bale close to the ground for a low centre of gravity and greater stability.

2. Front Linkage

The machine can be fitted to the front linkage of higher horsepower tractors giving the operator good visibility and making it more comfortable for the operator to load, wrap and position bales.

3. Front Loader / Industrial Loader

For higher horse power tractors and industrial loaders the W2020 can be mounted on the front of the tractor or industrial loader, which will allow the operator to collect, transport, wrap and stack the bale with one machine. This eliminates the need for an extra tractor, bale handler and possibly a second driver or operator.

Twin Dispenser

The W2020 stacking round bale wrapper is fitted with two 750mm aluminium dispensers, which are standard on all McHale high-speed round bale wrappers.

The dispensers maintain a consistent stretch which maximises film usage. The dispenser units consists of two aluminium rollers, which are geared to each other with robust steel gears of different ratios.

This twin satellite W2020 stacking round bale wrapper takes approximately 20 seconds to apply four layers or 30 seconds to apply six layers of film to the round bale.

The twin satellite design allows for stable high-speed bale wrapping, where there is an even pull on the bale by both dispensers as it is being wrapped. This ensures that the bale remains in the correct position.

Fast Bale Loading & Unloading

The McHale W2020 round bale wrapper is fitted with two hydraulically powered wrapping rollers. When the bale is in position the rollers move in around the bale and move the bale from the ground position to the bale wrapping position. As both rollers are powered, the bale is moved into position as quickly and efficiently as possible.

When the wrapping cycle is complete, the wrapped bale can be gently unloaded either to the ground or into the stack. During the unloading process, both rollers are allowed to free wheel with the bale to ensure that the plastic is not damaged.

Folding Dispenser

The satellite arms on the W2020 stacking bale wrapper are designed so that at the end of the bale wrapping cycle, one of the dispensers moves from its normal position and folds in toward the second dispenser. When both dispensers come together they move in a uniform movement towards the cut and hold which is located on the headstock of the machine.

Once the plastic is cut and held, the dispensers stop on the tractor or loaders side of the bale, allowing the bale to be stacked.

When the next bale is loaded and the automatic cycle starts one dispenser moves in advance of the other until the two dispensers are in a parallel position. At this point the wrapping cycle starts.

Cut and Hold

As with all McHale round bale wrappers, the reliability of the cut and hold system is of the utmost importance. The W2020 stacking round bale wrapper collects the film in the cut and tie unit where it is held and then cut. This system ensures better grip and provides more consistent superior performance, particularly in hot or wet conditions.

The hydraulic cut and hold is located on the headstock of the machine. The cut and hold opens in a "scissors action" which allows the dispenser to rotate the film into the cut and hold, at which time the cut and hold collects the plastic and holds it firmly under hydraulic pressure.

Quick Fit Film Loading

The McHale W2020 stacking round bale wrapper is fitted with a lock and load film loading 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 and the top roller is released and locks down on the new roll.

Automatic Film Break Sensing

Automatic Film Break sensing comes as standard on the W2020 stacking round bale wrapper. This ensures that if one of the rolls of film breaks or runs out, the W2020 will detect this and slow bale rotation and increase the number of revolutions of the satellite to ensure that the bale is wrapped correctly. If both rolls of film break or run out the W2020 stacking round bale wrapper notifies the operator in the cab via the control box that the machine is out of film.

Control Box

The W2020 is a fully automatic machine. Using the control console the operator can select:

- Fully Automatic Cycle
- Automatic Loading and Unloading
- The Number of Layers of Wrap
- A Number of Totals to Store Bale Numbers for Individual Jobs

The W2020 is also fitted with film break sensors which monitor the film as it goes onto the bale. If one roll of plastic breaks or runs out, the machine will notify the operator through the control console and automatically move to single dispenser mode. In single dispenser mode the machine slows bale rotation and increase the number of rotations of the satellite to compensate for the broken roll of film. If the rolls of plastic on both dispensers break or run out, the control console will notify the operator with an out of film message.

McHale W2020 | FEATURES & MACHINE SPECIFICATION

Features

- Fully Automatic High Output Bale Wrapper
- RDS Expert Plus Control Box
- Dual Stretch Dispenser 70% (Optional 55%)
- Folding Arm Design
- Hydraulic Cut & Hold
- Plastic Break Sensors
- Fast Loading and Unloading Times
- Twin Satellites for Stable High Speed Wrapping

HIGH SPEED BALE WRAPPING

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Machine Requirements		Transport Dimensions	
Hydraulic Requirements	20 litres/min@170 bar	Length	2.4m
Hydraulic System	Open Centre, Closed Centre, Load Sensing	Width	1.43m
Dispenser Working Speed	30 R.P.M	Height	2.4m
Attachment to Tractor	Front or Rear Mounting	Weight	845kg
Hydraulic Connection	2x ½"	**Bale Dimensions**	
Electrical Requirement	12 Volt from Battery or Euro Plug	Width	1.2m
Film Dispensers	2 x 750mm Width Dispensers	Diameter	1.2 – 1.5m
Control Console	Expert Plus	Max Bale Weight (kgs)	1200kg

McHale

W2020 | STACKING BALE WRAPPER

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".

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V660

F5000

Fusion 3

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