

McHale  **ORBITAL**

HIGH SPEED
ROUND
BALE
WRAPPER



www.mchale.net

The Professional Choice

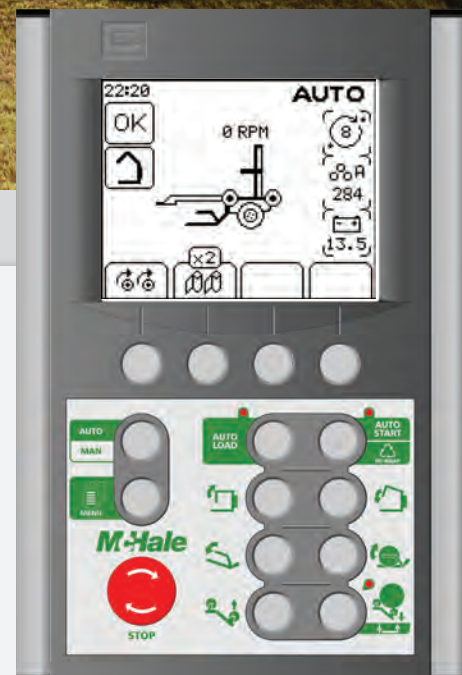
A high speed solution which delivers consistent and even overlap and achieves optimum levels of fodder preservation and quality.

The McHale Orbital Bale Wrapper is a high speed round bale wrapper. 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.



STANDARD SPECIFICATION

- Fully Automatic Operation
- Patented High Speed Bale Loading
- High Speed Vertical Wrapping Ring
- Wrap Bales from 3' 7" to 4' 9" (1.1m - 1.45m)
- Proven and Reliable Cut and Hold System
- Gentle Bale Tip after Wrapping
- Film Break Sensors
- Facility to Wrap with One Roll
- Clever Film Loading
- Expert Plus Control Box



EXPERT PLUS CONTROL CONSOLE

- Large In-Cab Display
- Delivering Fully Automatic Operation

Unique Design



The McHale Orbital Bale Wrapper is a unique machine which uses two McHale patents:

MCHALE PATENTED HIGH SPEED TRANSFER SYSTEM

As the lift arm moves the bale towards the wrapping ring, the wrapping roller closest to the tractor moves out of the way which reduces the height the bale has to travel to get to the wrapper. This clever design allows the bale to move from the ground to the wrapping platform in a smooth quick manner, which is stress free on the machine, delivering maximum output.



MCHALE PATENTED TIP ROLLER

Through the use of the patented tip roller the McHale Orbital Bale Wrapper can wrap bales from 1.1 metre up to 1.45 metres with ease. The patented tip roller adjusts its height in line with bale size to ensure that the wrapping ring always applies the plastic to the centre of the bale, regardless of the bale diameter. This ensures the correct even overlap is always achieved.

Vertical Wrapping System



HIGH SPEED WRAPPING SYSTEM

Once the bale is loaded onto the bale wrapper, the high-speed vertical wrapping ring can apply four layers of film to a 1.25 metre bale in approximately 18 seconds or six layers of film in under 25 seconds.

The Orbital low maintenance vertical wrapping ring design ensures an even overlap as the distance between the dispensers and the bale never changes which guarantees an even overlap and drastically reduces the likelihood of plastic breakages.

WRAPPING RING FEATURES

- Two 750mm dispensers
- Film break sensors
- Easy film loading
- Reliable cut and holds, which gather the plastic to one point



VERTICAL WRAPPING RING



RELIABLE CUT AND HOLDS



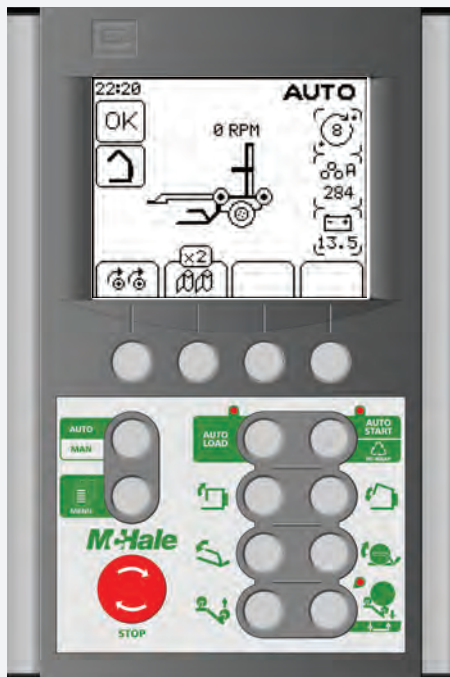
EASY FILM LOADING

Technical Specifications

CARRYING SECOND BALE WHILE WRAPPING



EXPERT PLUS CONTROL CONSOLE



The McHale Orbital High Speed Round Bale Wrapper is a fully automatic machine. The Expert Plus Control Console provides clear indicators of machine performance on its large graphic display.

- The Expert Plus Control Console, when combined with the load sensing valve on the McHale Orbital bale wrapper makes high speed wrapping operation fully automatic.
- From the Expert Plus Control Console the operator can adjust the number of wrap layers, bale diameter and manual or automatic bale tip. The Control Console can also record a number of bale totals for different jobs and also features film break sensing.

Dimensions & Weight	
Length	4.35m
Width	2.74 m
Height	3.00m
Weight	1850 kgs
Wrapping	
Dispenser Speed	40 RPM
System	Vertical Wrapping Ring
Film Storage	6 Rolls & 2 on the Dispensers
Film Layers	2 + 2 + 2 System
Dispensers	70% x 750mm
Film Stretch	70% Standard (64% or 55% Optional)
Control	
Control System	Expert Plus Control Console
Operation	Fully Automatic
Bale Size Adjustment	In-Cab
Wrapping Layer Adjustment	In-Cab
Other	
Axle	6 Stud
Tyre Sizes	Standard: 380 / 55 / 17 Optional: 480 / 45 / 17
Electronics	12 Volt DC, 10 A euro socket approx. (min. specification)
Road Lights	LED Lights – 12 V / 7-Pin Socket
Tractor	
Attachment	Pin Hitch
Minimum Hydraulic Flow	35 litres / min at 170 bar (2,465psi)
Hydraulic System	Open, Closed or Load Sensing
Minimum hp Requirement	37 kW / 50hp

BALE TIP/ SIDE TIP (OPTIONAL)



When tipping off the bale the rear wrapping roller moves downwards and the McHale Orbital Bale Wrapper gently places its tightly wrapped bale on to the ground.

With the optional side tip the bale can be rotated through 90 degrees and placed on its end, thereby reducing stalk damage from crops such as Alfalfa.



McHale



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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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