

MASSEY FERGUSON



4100V Round Baler Series



MASSEY FERGUSON

**4100V  
RB SERIES**



**FROM MASSEY FERGUSON**  
A world of experience. Working with you.

# BETTER FEED BEGINS WITH A BETTER BALER.



MAYBE YOU RUN A SMALL TO MID-SIZE DAIRY FARM. OR A COW/CALF OPERATION. EITHER WAY, FEED QUALITY IS ESSENTIAL TO OPERATIONS LIKE YOURS, AND IT ALL STARTS WITH A BETTER BALER. THAT'S WHY WE'VE CREATED THE NEW MASSEY FERGUSON® 4100V RB SERIES OF SILAGE BALERS. THEY'RE THE KIND OF RUGGED, HARDWORKING MACHINES YOU CAN COUNT ON TO HANDLE EVERYTHING YOUR OPERATION DEMANDS.

### **WORK FASTER IN MORE CONDITIONS**

The innovative camless pickup design allows higher operating speeds in a wide range of crop types and moisture levels. Cut, rake and bale — all in one day.

### **MORE COMPLETE CAMLESS PICK-UP**

The RB Series features five tine bars with teeth spaced just 2.5 inches apart, allowing for a far more complete capture of crop on the field. A crop press roller is positioned in front of the pickup to enhance crop feeding into the chamber.

### **CHOP SILAGE, STOVER OR HAY**

Two sets of XtraCut™ hydraulically operated knife banks can be controlled or disengaged from the tractor cab. Select zero, eight, nine or all 17 knives to attain forage cuts as small as 2.65 inches in length.

### **MORE OPERATOR CONTROL**

The E-link Pro™ touch-screen monitor tracks bale formation and allows in-cab control of cutter engagement and knife group selection. In addition, the baler's ISOBUS design allows the use of any compatible tractor monitor for baler monitoring and control.

### **LESS MAINTENANCE AND FEWER ADJUSTMENTS**

Because there's no cam track, the pickup has fewer moving parts — making it quieter, simpler and more reliable than cam-style pickups. That makes you even more productive.



# IT STARTS WITH GETTING MORE CROP INTO THE BA



**THE FIRST STEP IN BETTER BALING IS TO PICK MORE CROP UP OFF THE GROUND, AND THE TINES ARE THE MOST CRUCIAL PART OF THAT PROCESS. THAT'S WHY WE'VE ENGINEERED A COMPLETELY NEW TINE FOR THE RB SERIES.**

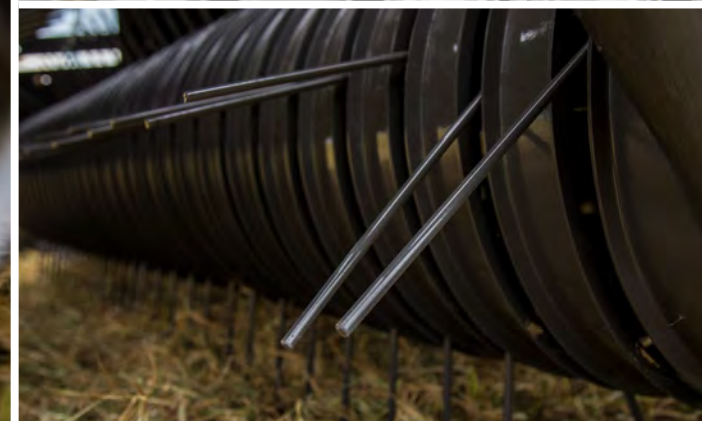
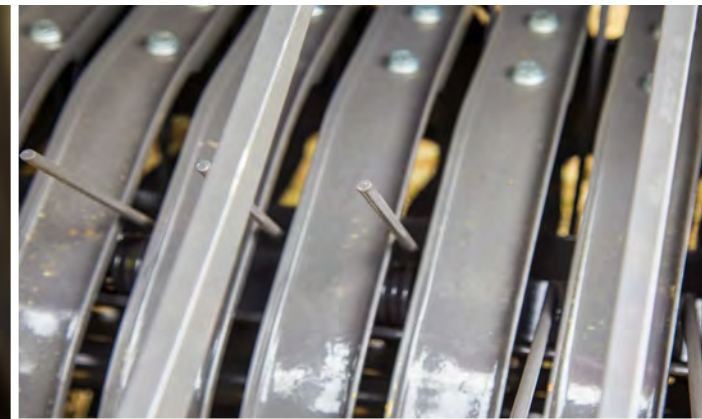
## **MORE TINE BARS**

Due to the additional space created through the absence of a cam track, five tine bars are now fitted to the pickup. With the tines spaced just 2.5 inches apart, you get an even better and cleaner crop intake.

## **OFFSET TINES**

When looking at the RB Series pickup, you'll notice offset tines on the ends. This allows the pickup to continually and consistently feed the crop flow augers, giving you square, shouldered bales.

# LER.



### **A LONGER, MORE DURABLE TINE**

The tine is longer, thicker and more flexible—for increased lifespan. Improved tine fixation also helps prevent tine breakage, because the tension within the material is more evenly spread.

### **ANGLED FOR CLEANER PICKUP**

The angle of the tine has been adjusted to ensure the cleanest possible crop pickup under all crop and soil conditions.

### **IMPROVED CROP THROUGHPUT**

Due to its compact design, the new pickup is positioned closer to the rotor. This ensures an improved crop flow to the bale chamber, giving you increased baling output, with well-shaped, more uniform bales every time.

# BETTER, MORE COMPACT BALES. LESS BLOCKAGE.



# LESS DOWNTIME.

## IT'S SIMPLE: FEWER BALES MEANS LOWER COSTS

For every bale you make, you've got to secure it, transport it, store it. So it's basic math—the heavier and denser your bales, the more time and money you save.

- **THE HIGHEST BALE COMPACTION** The constant pressure system ensures an equally dense bale throughout, and four continuous belts provide maximum traction while the bale forms, creating the chamber.
- **CONSISTENTLY SIZED BALES** The mechanical tailgate locking system ensures that the tailgate remains completely closed throughout the baling process, giving you consistently sized bales with little crop loss.

## INCREASED BALE OUTPUT WITH LESS BLOCKAGE. LESS DOWNTIME.

You know how it works: harvest time is limited and, sometimes, operators overstep a baler's limits. That's why we've made sure that all 4100V balers with a chopping unit come with our unique HydroFlex Control™ (HFC) two-stage anti-blockage system, designed to reduce and resolve blockages quickly and easily.

- **A FLEXIBLE FLOOR IN THE FEED CHAMBER** HydroFlex Control is situated under the rotor where the feed passage is at its narrowest. It allows the front part of the feed chamber floor to flex up and down via a rubber suspension unit. If a small foreign object or a wet lump of material is picked up from the swath, this flexing action will smooth out the crop flow, reducing the risk of blockages in the feed area.
- **A HYDRAULIC SOLUTION FROM THE CAB** In the event of a blockage, the rear of the feed table floor can be lowered hydraulically from the operator's seat. When lowering the feed floor, all knives are withdrawn, ensuring that the blockage has passed into the bale chamber without any crop wastage before the machine is re-engaged.



*Sometimes peak loads can become time-killing blockages. That's why we incorporate HydroFlex Control, a flexible floor in the front of the feed chamber where the passage is at its narrowest, that can flex up and down via a rubber suspension unit. With less downtime to clean out blockages, more work gets done.*



**IT'S NOT JUST ABOUT MAKING BALES. IT'S ABOUT P**



**SILAGE. BALEAGE. HAYLAGE.  
PRESERVING. WRAPPING. FINISHING  
MONITORING.**



# RESERVING BALES.



## **IF YOU KNOW HAY, YOU KNOW MAKING A PERFECT BALE IS ONLY HALF THE BATTLE.**

You also need to preserve your bales until they're needed. There's a variety of methods for storing, preserving and feeding bales, but it all begins with a fast, secure and flexible wrapping system. The Massey Ferguson RB Series delivers, reducing the time required to secure and protect your bales. Letting you get more work done, in less time.

- **VARIONET WRAPPING IMPROVES FEED QUALITY.** The Varionet system provides “edge to edge” or “over the edge” wrapping, for perfect bale coverage every time. This means your bales not only look great, but they're also completely protected against bad weather and crop losses.
- **ELS™ MAKES IT EVEN EASIER.** The Easy Load System, or ELS, allows easier loading of the net roll. After loading, the new net roll is simply tipped backwards, lifted and locked into position. It makes the process simple, saving you time and effort.



# BALE HANDLING AND WRAPPING



The new Protec combination unit has a lower crop elevation angle, reducing the overall baler height. This feature improves stability, allowing safer and faster hillside operation. It also reduces back pressure in the feeding area, streamlining crop flow and minimizing the risk of blockages.

In addition to the transfer arm, the new design features two active guiding plates on both sides of the baler clearly directing the bale to the center of the wrapper plate allowing for a faster and more secure transfer cycle. For added safety in hillside conditions the unique slope transfer mode allows for the transfer arm to move more slowly while the wrapper ring is lifted higher to receive the bale. This ensures that the bale will be securely delivered to the wrapper even in sloping terrain.

Actively moving plate

Transfer arm



Once the bale is transferred to the center of the wrapping ring, a hydraulically driven wrapping ring begins to rotate before the tailgate is fully closed, completing the cycle well before the next bale is ready to wrap. Designed to withstand the heaviest bale loads, the robust frame and quiet running gear operates smoothly and effortlessly to wrap bale after bale.



To ensure gentle bale unloading, the wrapping table is lowered close to the ground, thus minimizing the bale's rolling speed, preventing film damage and maintaining the ideal bale shape. An optional bale tipper prevents bales rolling away and makes for easier trailer loading. The operator can also choose between automatic and manual unloading modes.

# HIGH PERFORMANCE WRAPPING



## WRAPPER TABLE

The hydraulically driven wrapper table consists of two rollers and three endless belts mounted on a welded frame for extra durability. A sensor underneath the middle belt will allow for wrapping to begin only after the bale is fully positioned on the table, while four large side support rollers keep the bale centered while wrapping.

## WRAPPING RING

The wrapping ring is driven by a set of two rubber rollers, ensuring plenty of gripping surface, eliminating slippage and reducing noise levels.



### **FILM ROLL HOLDERS**

Twelve film roll holders are conveniently located at a comfortable height on both sides of the baler and with two additional rolls installed on the wrapper, increase uptime in the field.

### **EXTERNAL CONTROL PANEL**

An external control panel on the back of the baler allows control of the tailgate, wrapping ring and table and the film clamps for easy film roll change, maintenance or cleaning.

### **FIELD TRANSPORT**

The wrapper unit can be folded up for safe and convenient field to field transport.

# MORE CONTROL FROM INSIDE THE CAB.

## E-LINK PRO

The RB Series balers are designed to be incredibly user-friendly, now allowing you to do more than ever from the comfort of your own seat. The intuitive E-link Pro touch-screen monitor lets you track bale formation, control cutter engagement and select a knife group from inside the cab.

In addition, the baler's ISOBUS design allows the use of any compatible tractor monitor for baler monitoring and control.



## ROUTINE SERVICE AND MAINTENANCE MADE SIMPLE.

With common service points easy to access, and even easier to maintain, you can minimize downtime and maximize productivity in the field. Including:

- Belt tensioning
- Auto chain lube
- Easy to access grease banks
- Mesh tension
- Mesh loading
- Knife replacement





## SPECIFICATIONS\*

Massey Ferguson's RB Series of variable-chamber silage balers share a common platform and are available in two popular sizes: the RB4160V and RB4180V. They produce bales that measure 48" in width with a diameter that can range from 35.5" up to 63" or 71", respectively. The RB4160V Protec takes the base RB4160V and adds the wrapper chassis to perform the entire baling and wrapping process all in one pass with one machine.

| MODELS                                  | RB4160V    | RB4180V    | RB4160V<br>PROTEC          |
|---|------------|------------|----------------------------|
| <b>BALE CHAMBER DIAMETER</b>            | 35.5"-63"  | 35.5"-71"  | 35.5"-63"                  |
| <b>BALE CHAMBER WIDTH</b>               | 48"        |            |                            |
| <b>PICKUP WIDTH</b><br>(flare-to-flare) | 89"        |            |                            |
| <b>TINE TO TINE WIDTH</b>               | 84"        |            |                            |
| <b>FEEDER ROTOR</b>                     | Std.       |            |                            |
| <b>HYDROFLEX CONTROL</b>                | Std.       |            |                            |
| <b>XTRACUT</b><br>17 Knife Cutter       | Std.       |            |                            |
| <b>BALE SIZE</b>                        | 4'x5'      | 4'x6'      | 4'x5'                      |
| <b>MINIMUM HP</b>                       | 100        | 120        | 150                        |
| <b>RECOMMENDED HP</b>                   | 120        | 140        | 180                        |
| <b>REMOTES REQUIRED</b>                 | 2 DA       |            | 1 DA & 1 SA w/ Tank Return |
| <b>CUTTER</b>                           | XtraCut    |            |                            |
| <b>WEIGHT</b>                           | 8,680 lbs. | 8,840 lbs. | 14,410 lbs.                |
| <b>BALE SIZE AND SHAPE MONITORING</b>   | Std.       |            |                            |
| <b>E-LINK PRO MONITOR</b>               | Std.       |            |                            |

\*Specifications are manufacturer's estimates at time of publication and are subject to change without prior notification.

### TWO-YEAR WARRANTY

We've been making equipment for a long time, and we believe in what we make. That's why we include a two-year warranty with our round balers. Some restrictions may apply. Please see dealer for full details.

### TOTAL SUPPORT — ALWAYS AVAILABLE

The Massey Ferguson distributor and dealer network comes with the support and service you need to keep working — whenever and wherever you need it.

### LOW-RATE, FLEXIBLE FINANCING

With competitive rates and easy terms, your Massey Ferguson dealer and AGCO Finance® offer great ways to buy, lease or rent your new machine.

### QUALITY PARTS

Genuine Massey Ferguson replacement parts are made to the same high standards as those used on the assembly line, so you can always keep your Massey Ferguson tractor running like new.



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