

130SB Series balers

Range of three centre-line small rectangular balers



MASSEY FERGUSON



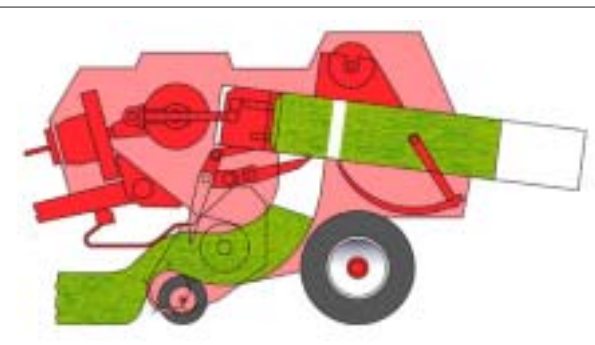
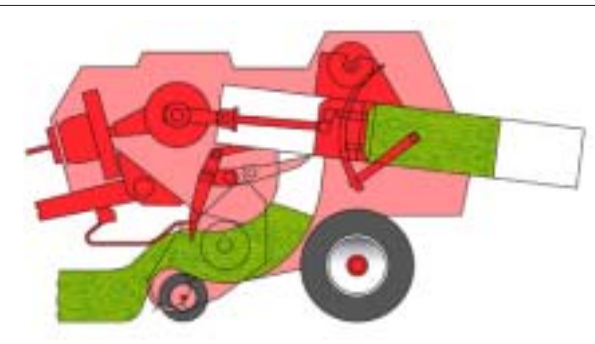
Simple 'straight-through' design for maximum output and reliability

The MF 130SB series is a range of three 'centre-line' small rectangular balers, with pickup widths of 1.5 or 2.0 m. The wide pickup is available on either a 'standard duty model (the MF 137) or a 'heavy duty' model (the MF 139), which is ideal for high usage or contracting. All three models produce bales that are just the right size for easy handling or feeding, and just the right density for efficient storage and transport.

Advanced design, high output

The MF 130 Series is based, uniquely, on a 'centre-line' design, in which the crop flows through the baler in a

Simple, efficient 'centre line' design: Crop is moved from the pickup into a pre-forming chamber



The packer then pushes the pre-formed flake into the bale chamber

straight line. This gives a host of advantages when compared with conventional baler design.

Easy on the road, easy in the field

You'll notice the first advantage before reaching the field. Even though the 137 and 139 feature a wide pickup, transport width is exceptionally narrow, because of the in-line design. And when you get to the field, there is no need to 'manhandle' the baler from a 'transport' position to a 'work'

MF 130 series balers use our own knotters. No compromise in knotter design ... or manufacture

position – you just lower the pickup and start baling.

Wide, centre-mounted pickup

The wide pickup - 1.5 metres on the MF 135 and 2.0 metres on the MF 137 and 139, features a small diameter, 'low-profile' design with closely spaced tines ensuring that windrows are picked up cleanly with minimal disturbance and leaf loss. Gauge wheels, fitted as standard on all models, further help the pickup to

Pickup height is adjusted by a hand crank as standard, with hydraulic lift as an option



follow uneven ground contours, avoiding pickup tine damage.

As soon as the crop enters the pickup, centring augers move it into the pre-forming chamber opening. Stuffer fingers then feed it, in a straight line, with minimum leaf loss and disturbance, into the pre-forming chamber, where it is pre-compressed into a slice before entering the bale chamber.

Less work for the plunger

The pre-formed flake is then pushed into the bale chamber, where the

plunger further compresses it into the bale. As the stuffer fingers have already separated the flake, the (bottom mounted) knife only has to trim the pre-formed slice. This reduces plunger load, improves bale density and shape...and reduces stress on components giving improved baler durability.

Short stroke, high speed plunger

The pre-formed slice concept enables the baler to operate with a shorter plunger stroke, significantly reducing plunger bearing wear.

The shorter plunger stroke also means that plunger speed can be increased, giving increased capacity and higher productivity.

Rugged knotter design

The knotters are designed and built to operate reliably season after season, with minimum fuss or maintenance, whether using plastic or sisal twine.

Power requirements

The centre line design, with its more efficient crop handling, helps to keep tractor power requirement as low as possible, giving a minimum PTO power requirement of only 30 hp on the MF 135 and 35 hp on the MF 137 and 139.

Left: Hydraulic bale density control is available as a 'factory fit' option on the MF 139 and as an accessory kit on the MF 135 and 137

Below: The high ground clearance helps to protect the needles, reducing the chance of mist-tied bales



Above: One twine box on each side of the baler gives simple twine routing for more reliable tying

Left: MF 137/139, 2.0 m 'low profile' pickup





130SB Series balers

		MF 135	MF 137	MF 139
Dimensions				
Overall length				
- without bale chute	m	4.27	4.27	4.27
- with bale chute	m	5.18	5.18	5.18
Overall width	m	2.36	2.57	2.57
Overall height	m	1.65	1.65	1.65
Weight	kg	1224	1383	1497
Bale Size				
Cross section	mm (in)	356 x 457 (14 x 18)	356 x 457 (14 x 18)	356 x 457 (14 x 18)
Length	mm	305-1321	305-1321	305-1321
Density control		Spring loaded rail	Spring loaded rail	Spring loaded rail or hydraulic
Plunger				
Speed	strokes/min	92	100	100
Length of stroke	mm	550	550	550
Rollers - number / type		7 / Sealed ball bearing	7 / Sealed ball bearing	8 / Sealed ball bearing
Pickup				
Width - inside panel to panel	m	1.55	1.93	1.93
- tine to tine	m	1.39	1.78	1.78
Number of tine bars		3	3	4
Number / type of tines		33 / double	42 / double	56 / double
Tine spacing	mm	66	66	66
Augers, diameter	mm	330	330	280
Protection		Belt drive	Belt drive	Torque limiter
Gauge wheels		2, One per side	2, One per side	2, One per side
Feeding System				
Packer		Crank type, 4 tine	Crank type, 4 tine	Crank type, 4 tine
Protection		Shearbolt	Shearbolt	Shearbolt
Tying Mechanism				
Type		Twine tie	Twine tie	Twine tie
Twine type		Plastic or sisal	Plastic or sisal	Plastic or sisal
Protection		Shearbolt	Shearbolt	Shearbolt
No. of twine balls		4	4	6
Tyres				
Flotation		9.5L x 14	11L x 14	31 x 13.5-15
Pickup		3 x 12	3 x 12	3 x 12
Tractor Requirements				
PTO horsepower (minimum)		30 hp (22 kW)	35 hp (26 kW)	35 hp (26 kW)
Optional Equipment				
		Hydraulic pickup lift Hydraulic bale tension Trailer hitch	Hydraulic pickup lift Hydraulic bale tension Trailer hitch	Hydraulic pickup lift Hydraulic bale tension Trailer hitch



Specifications are subject to change without notice and may vary from country to country. Please check with your distributor or dealer at the time of placing your order.

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