

*New*  
2200 Series

Large Square Balers



The industry's leading baler  
leads the way again.



**HESSTON**  
by MASSEY FERGUSON

# We've taken large square baler performance to a new level. In more ways than one.

Since Hesston invented the world's first large square baler 35 years ago, we've never stopped looking ahead. And our new 2200 Series proves it, by building on all the advances of our best-in-class 2100 Series, to deliver maximized capacity, more consistent bales, and increased density – as always, backed by our legendary Hesston reliability.

The new 2200 Series maximizes capacity by actively pulling crop from the pick-up by means of revolving packer forks and positively feeding it into the pre-compression chamber.



BALER MODEL	2250	2250PC	2270	2270XD	2290
<b>Bale Size</b>					
Width: in. (mm)	34.4 (875)	34.4 (875)	47.2 (1,199)	47.2 (1,199)	47.2 (1,199)
Height: in. (mm)	31.5 (800)	31.5 (800)	34.4 (875)	34.4 (875)	50.2 (1,275)
Length: in. (mm)	108 (2,743)	108 (2,743)	108 (2,743)	108 (2,743)	108 (2,743)
<b>Dimensions &amp; Weight</b>					
Overall width w/single axle in. (mm)	100.4 (2,549)	100.4 (2,549)	118.1 (3,000)	118.1 (3,000)	129.6 (3,292)
Overall width w/tandem axles in. (mm)	106.3 (2,700)	106.3 (2,700)	118.1 (3,000)	118.1 (3,000)	118.1 (3,000)
Overall length: in. (mm)					
Without roller bale chute	303.9 (7,720)	303.9 (7,720)	305.2 (7,751)	320.9 (8,151)	324.4 (8,241)
Overall height: in. (mm)					
To top of folded hand rails	113.0 (2,870)	113.0 (2,870)	113.0 (2,870)	113.0 (2,870)	130.6 (3,317)
To top of raised hand rails	128.7 (3,270)	128.7 (3,270)	128.7 (3,270)	128.7 (3,270)	140.8 (3,576)
Weight: lbs. (kgs)					
Baler w/single axle	16,841 (7,639)	17,778 (8,064)	19,701 (8,936)	22,002 (9,980)	23,567 (10,690)
Baler w/single axle, Cutter	18,662 (8,465)		21,773 (9,876)	24,074 (10,920)	25,640 (11,630)
Baler w/tandem axle, Packer version	18,102 (8,211)	18,527 (8,404)	21,361 (9,689)	23,656 (10,730)	24,692 (11,200)
Baler w/tandem axle, Cutter version	19,923 (9,037)		23,433 (10,629)	25,728 (11,670)	26,764 (12,140)
<b>Main Drive</b>					
Driveline type & category	All 2200 Series balers can be driven by a Type 2 or Type 3 PTO and can have a Category 6 or 7 Implement Driveline (IDL)				
Protection	Overrunning, slip clutch and shear bolt				
Gearbox	Enclosed double reduction				
<b>Pickup</b>					
Overall width w/pickup wheels: in. (mm)	117.9 (2,994)	117.9 (2,994)	117.9 (2,994)	117.9 (2,994)	117.9 (2,994)
Inside width: in. (mm)	89.0 (2,260)	89.0 (2,260)	89.0 (2,260)	89.0 (2,260)	89.0 (2,260)
Number of tines	64	64	64	64	64
Tine spacing: in. (mm)	2.6 (66)	2.6 (66)	2.6 (66)	2.6 (66)	2.6 (66)
<b>Pickup</b>					
Packer fingers	Packer and Cutter versions: 2250, 4 bolt on hardened packer fingers (12 on 2250PC) Packer and Cutter versions: 2270, 2270XD, 2290, 6 bolt on hardened packer fingers				
Protection	Splined slip clutch				
Stuffer fingers	Packer and Cutter versions: 2250, 4 fingers Packer and Cutter versions: 2270, 2270XD, 2290, 6 fingers				
Protection	Stuffer latch lock, shearbolt on main drive sprocket				
<b>Plunger</b>					
Speed: strokes / min.	47	47	47	47	33
Length of stroke: in. (mm)	29.1 (740)	29.1 (740)	29.1 (740)	29.1 (740)	32.8 (820)
Mounting	All 2200 Series balers have 2 front rollers w/tapered roller bearings, 2 rear rollers w/tapered roller bearings, two side rollers w/ball bearings				





BALER MODEL	2250	2250PC	2270	2270XD	2290
<b>Tying Mechanism</b>					
Knotters	Four double knot	Four double knot	Six double knot	Six double knot	Six double knot
Twine storage capacity	30 balls	30 balls	30 balls	30 balls	30 balls
Twine type	High quality split film polypropylene or sisal twine				
<b>Tires</b>					
Single axle	600 / 50 x 22.5, 12 ply	600 / 50 x 22.5, 12 ply	600 / 50 x 22.5, 12 ply	600 / 50 x 22.5, 12 ply	600 / 50 x 22.5, 12 ply
Tandem axle	Standard tire: 500/50 x 17, 16 ply; Radial tire: 620/40R-22.5				
<b>Lights</b>					
Work lamps, service lamps, rear lamps	3 work lamps, 5 service lamps, 4 rear lamps (2 amber and 2 red)				
<b>Control &amp; Monitoring System</b>					
Type	C1000 ISO bus color terminal and Square Baler Controller (computer), hydraulic and mechanical feedback systems				
Baler controls	Bale density and shape control, bale density door release from the terminal, optional moisture monitoring and control system, bale ejector control, control for the optional roller bale chute, control of the optional electronic knotter trip				
Functions monitored	All critical operating systems and bale information with real-time feedback for the operator, downloadable bale and field records				
<b>Options</b>					
Cutter	Factory option	Factory option	Factory option	Factory option	Factory option
Bale ejector	2250, 2250 Packer Cutter, 2270, 2270XD, Standard. 2290, optional				
Knotter blower	Standard	Standard	Standard	Standard	Standard
Chain oilers	Factory option	Factory option	Factory option	Factory option	Factory option
<b>Accumulator (optional)</b>					
Accumulator Type	5 bale	5 bale	3 bale	3 bale	3 bale
<b>Tractor Requirements</b>					
Horsepower					
Minimum: hp (kW)	120 (90)	150 (112)	120 (90)	120 (90)	120 (90)
Recommended: hp (kW)	150+ (112+)	180+ (134+)	150+ (112+)	150+ (112+)	150+ (112+)
Minimum w/ Cutter option: hp (kW)	180+ (134+)	180+ (134+)	180+ (134+)	180+ (134+)	180+ (134+)
PTO rpm	1,000	1,000	1,000	1,000	1,000
Minimum tractor weight: lbs. (kgs)	21,140 (9,589)	21,140 (9,589)	21,140 (9,589)	21,140 (9,589)	21,140 (9,589)
Tractor hydraulics	1 double acting cylinder for pickup lift, 1 double acting cylinder for cutter knives (if equipped), 1 single acting cylinder for tandem axle steering (if equipped)				
Electrical system	12 volt DC				



To reduce chop length, the 2200 Series uses a heavy-duty rotor to force crop material through stationary knives (optional). It's also designed to ensure smoother running, even in irregular swaths. And packer tines situated directly behind the rotor help guarantee even feeding into the pre-compression chamber for consistent bale shape.

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Another significant innovation comes in the form of our new Packer Cutter. As the name suggests, it's a hybrid of our new Hesston 2250 Packer Cutter and full rotary "cutter" systems, featuring a three-row packer that actively pulls the crop across six spring-loaded stationary knives. It's highly efficient and offers added flexibility in dealing with varying crop and conditions.



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To help produce rock solid, well-formed bales and uniform density, we've also extended the length of the OptiForm™ bale chamber on the Hesston 2270 XD and the 2290 – by a full 16 inches.



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