

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 |
|---|---|----------------|-----------------|-----------------|-----------------|
| Bale Size | | | | | |
| 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) |
| Dimensions & Weight | | | | | |
| 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) |
| Main Drive | | | | | |
| 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 | | | | |
| Pickup | | | | | |
| 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) |
| Pickup | | | | | |
| 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 | | | | |
| Plunger | | | | | |
| 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 |
|--|---|-------------------------|-------------------------|-------------------------|-------------------------|
| Tying Mechanism | | | | | |
| 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 | | | | |
| Tires | | | | | |
| 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 | | | | |
| Lights | | | | | |
| Work lamps, service lamps, rear lamps | 3 work lamps, 5 service lamps, 4 rear lamps (2 amber and 2 red) | | | | |
| Control & Monitoring System | | | | | |
| 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 | | | | |
| Options | | | | | |
| 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 |
| Accumulator (optional) | | | | | |
| Accumulator Type | 5 bale | 5 bale | 3 bale | 3 bale | 3 bale |
| Tractor Requirements | | | | | |
| 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.

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.



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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