

Challenger 2370 ULTRA HD BALER | CLASS 8

HIGHER CLASS. HIGHER PERFORMANCE.

You know what you're going for: the heaviest, densest, most consistent square bale possible. And you've just found the baler that will do it — the Challenger® 2370 Ultra HD large square baler, the world's first Class 8 baler.

We've partnered with Hesston® to take their industry-leading design and beef up every operational characteristic. The result is a new class of baler that takes performance to a whole new level. For commercial and biomass operations, the 2370 Ultra HD reliably produces bales that are 20%+ denser than XD balers for unmatched bale weights and increased capacity. That's intelligent farming.

2370 ULTRA HD BALER | CLASS 8





THE BALER THAT

RETHINKING CAPACITY

Doing more in less time: it's what the 2370 Ultra HD baler was born to do. The new Opti-Flow™ pickup features a five-bar pickup reel that significantly improves crop gathering performance, especially at high speeds. Add to that a full-width-powered top auger that enhances throughput in large windrows — and a new wind guard with a large diameter roller for consistent crop flow. It all works together to deliver greater capacity.

Of course, the heart of a baler is the plunger — and this heart beats faster. The new UltraPress™ plunger is actually 6% faster than our XD baler. At an impressive 50 strokes per minute, the 2370 Ultra HD speeds through more material in less time.

BETTER IN CLUTCH SITUATIONS

You know the scenario: a plug causes a flywheel shear bolt to fail, forcing you to stop, climb down and replace it. Not anymore. In case of a plug, the 2370 Ultra HD has an automatic reset clutch on the flywheel that disengages. No failed shear pin. When the clutch disengages, you can simply drop PTO RPM. When slow enough, the clutch will re-engage and clear minor crop obstructions. By using the plunger position indicator on the monitor and timing the engagement of the PTO, you can even “bounce” the plunger off the bale in the chamber, allowing the baler to turn in reverse and clear the plug.



REDEFINES BALERS.

REMARKABLE DENSITY

With a max load of 760 kN, the UltraPress plunger presses even the lightest, springy crops into dense, consistent bales. The innovative split-torque design of the Ultra™ gearbox increases load by up to 63% over previous balers. The new OptiForm™ Ultra bale chamber is also 28 inches (71.12 cm) longer with massive seven-inch density cylinders. The combination of high plunger loads, added bale chamber length and larger density cylinders creates unmatched density, with superior bale shape and consistency.

Greater density means more crop in fewer bales. This results in less twine used; less time gathering, stacking and loading bales; fewer truckloads and less storage space needed — plus there's less spoilage and crop loss. For all these reasons, denser bales translate to lower operating costs and greater profitability.

RENOWNED RELIABILITY

It all starts with intelligent, proven large square baler design. Then the 2370 Ultra HD ramps up durability and performance to produce an operator's machine that can churn out big, heavier, 3 x 4 ft. bales hour after hour, week after week.

Everything about the 2370 Ultra HD is designed for high-density loads and demanding environments. Its heavy-duty frame isn't just enhanced, it's designed from the ground up for Ultra HD applications. Poly-wrappers in the pickup allow the baler to stand up to tough, abrasive crop conditions. Wear plates in the bale chamber floor are replaceable. It even has lower twine tensioners that route twine up through the bottom of the tensioner and into the bale chamber, creating an ingenious self-cleaning system.

This baler's new heavy-duty Ultra knotters are designed to handle the large twine developed exclusively for high density bales. Our six beefed-up knotters use less twine than eight knotter systems, with fewer service points, fewer tied knots and, as a result, reduced potential for knot failure. There's also a redesigned knotter fan that channels air under the knotter stack to keep debris out, ensuring optimum knotter performance.

REFINED SERVICEABILITY

Simple is not easy to achieve. But Challenger has always delivered well-designed, simple, easy-to-service hay equipment — and the 2370 Ultra HD is no exception. This hard worker has more lifetime-sealed bearings, eliminating those hard-to-reach grease zerks.

The on-board hydraulic reservoir is located on the baler tongue for easy ground-level inspection and filling. Other components, including the fuse box and hydraulic block, are also accessible from the ground level. Swing-out twine boxes provide quick access to baler components behind the boxes and make cleaning much easier. The 2370 Ultra HD is not only better but brighter, with lighted sensors and long-lasting LED lights in all critical service areas.

Challenger 2370 ULTRA HD BALER | INTELLIGENT FARMING



MODEL	2370 ULTRA HD	ULTRA HD % INCREASE OVER 2270XD
SPECIFICATION		
Baler class	8	
Bale size in. (mm)	34.4 x 47.2 (875 x 1,199)	
Max plunger load (kN)	760	63%
Pickup tine bars	5	25%
Pickup tines	80 double tines	25%
Flywheel input speed RPM	1,500	50%
Ultra gearbox	Enclosed double reduction	
Plunger strokes per minute	50	6%
Bale chamber length in. (mm)	157.8 (4,008)	22%
Knotters	6 Ultra heavy duty	
Twine ball capacity	36	20%
Largest compatible twine ft.	800/2,850	
Density cylinder size in. (mm)	7 (178)	56%
Baler weight (tandem axle – no cutter) lbs. (kg.)	30,180 (13,689)	29%
Baler length (roller chute up) in. (mm)	387 (9,830)	
Baler width in. (mm)	118–126 (2,997–3,200)	
Minimum horsepower (no cutter)	250+ PTO	67%
Recommended horsepower (no cutter)	280+ PTO	56%
PTO speed RPM	1,000	



The baler classification system developed by our partners at Hesston features eight classes of balers, making it simple to choose the right baler for your operation. Each classification is based on the force applied to the plunger which determines bale density. The higher the plunger force, the denser the bale. **The 2370 Ultra HD baler is our highest class baler — perfect for commercial hay or biomass operations.**

Learn more at challenger-ag.us, or see your dealer for a demo.



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