



The new heavyweight in extra density.

New 2170 XD 3x4 Extra Density Large Square Baler

HESSTON
by MASSEY FERGUSON

High density. High capacity. High durability.

Now get more bale density without giving up a thing. Meet our new, improved Hesston by Massey Ferguson® 2170 XD 3×4 Extra Density large square baler. Major improvements include:



Larger flywheel and shear bolt

Our new flywheel is now over 90% heavier than before. Its width and diameter have also been increased to create a heavier bale while operating smoothly at normal load in most conditions. The flywheel shear bolt has also gone from 7/16" to 1/2" diameter.



Higher capacity gearbox and mountings

Redesigned to handle heavier loads, the gearbox now features larger input and output shafts, larger gears, heavier castings, beefier crank arms, double clamp bolts, and stronger connecting rods that are similar to our 4×4 baler, including the same size bearings.



Larger hydraulic tension cylinders

Increased in length from 3.5" to 4.5", these new cylinders allow for higher bale weight and density at lower operating pressures. They're also fitted with heavier pivots to improve tension capacity.

MODEL	2170	2170XD
Diameter	34"	39"
Width	5.8"	9.9"
Weight	628 lbs	1,100 lbs

MODEL	2170XD
Bale chamber	
Bale size	47.25" x 34.4"
Bale length	Up to 108"

MODEL	2170XD
Main drive	
PTO speed	1,000
PTO (optional) type	3, 1 1/4", 20 teeth

2170XD Product Improvements

- Larger hydraulic tension cylinders
- Larger flywheel and shear bolt
- Larger plunger arms and bearings
- Higher capacity gearbox & mountings
- Increased clearance under flywheel
- Increased max load software settings
- Heavier plunger
- Higher capacity driveline
- New bell cranks with improved leverage
- Improved chamber doors
- Improved structural integrity

Weight	
With single axle	20,670 lbs
With tandem axle	21,500 lbs

Height	
Top of shielding	111.6"
Top of railing	130.3"

Length	
Cat 3 without chute	305"
Cat 3 with chute	370"
Width	129.1"

Tires	
Single axle	700/50-22.5, 12-ply
Tandem axle	500/50-17, 16-ply
Pickup wheel	4.8 x 8, 8-ply pneumatic

Flywheel	
Diameter	39"
Width	9.9"
Weight	1,100 lbs

Gearbox	
Type	Enclosed double reduction
Gears - 1st set	Spiral bevel
Gears - 2nd set	Spur gear
Lubrication	Oil bath
Temperature setting °F	194°

Pickup	
Outside width with gauge wheel	117.9"
Effective width	89"
Width: tine to tine	80.6"

MODEL	2170XD
Pickup - cont...	
Number of bars	4, w/center carrier
Number of tines	64 double tines
Tine spacing	2.6"
Tine bar bearings	Sealed ball
Drive	RC 60 roller chain
Protection	Slip & overrunning clutches
Height control	Adjustable control rod
Pickup lift	Hydraulic cylinder

Chamber feeding	
Packers	6 bolt-on hard surfaced tines
Type	Taper roller bearings
Drive	RC100 roller chain
Drive protection	Shear bolt

Plunger	
Speed strokes/min	47
Length of stroke	29.1"
Mounting	4 roller bearings, 2 ball bearings

Tying mechanism	
Knotters	6 double knotters
Spacing	6.9"
Twine storage capacity	30 balls
Twin type	Split film poly/sisal
Minimum knot strength	350 lbs

Tractor requirements	
HP w/o cutter min	150 hp
Recommended	180+ hp
Minimum weight to ballast tractor	24,000 lbs
Minimum weight with accumulator	25,500 lbs



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