

7430 LARGE SQUARE BALERS



HESSTON
AGCO

MODEL**7 430**

BALE SIZE	
Width: in. (mm)	31.5 (800)
Height: in. (mm)	34.4 (875)
Length: in. (mm)	Up to 98 (2,500)
Weight: lbs. (kgs)	Up to 1,000 (454) - dry hay Up to 1,500 (681) - silage hay
DIMENSIONS & WEIGHTS	
Overall Width w/ Floation Tires: in. (mm)	100 (2,540)
Overall Length: in. (mm)	286 (7,265)
Without Bale Chute	
Overall Height: in. (mm)	107.5 (2,731)
Top of Knottor Shielding	
Top of Hand Railing	124.5 (3,162)
Weight: lbs. (kgs)	
Baler w/ Single Axle	13,358 (6,051)
Baler w/ Tandem Axle	15,071 (6,827)
With Tandem Axle, Cutter, Ejector, Knottor Blower, and Roller Chute	17,863 (8,092)
MAIN DRIVE	
Driveline Category	ISO 8 (ASAE 6)
Protection	Overrunning, Slip Clutch and Shear Bolt
Gearbox	Enclosed Double Reduction
PICKUP	
Width	
Time to Time: in. (mm)	70.2 (1,782)
Effective Width: in. (mm)	77.5 (1,968)
Overall Width: in. (mm)	107.4 (2,729)
Number of tines	112
Tine spacing: in. (mm)	2.6 (66)
Protection	Slip and Overrunning Clutches
Pickup lift	Hydraulic Cylinder
CUTTER SYSTEM (Factory Option)	
Type	Star Wheel Rotor
Rotor Speed: rpm	111
Number of Knives	11
Cut Length (Minimum): in. (mm)	1.9 (4.8)
Knife Protection	Individual Spring
FEEDING SYSTEM	
Packers	Fork Type w/ 4 Hard Surfaced Tines
Protection	Splined Slip Clutch
Charge Chamber Volume: cu. ft. (cu. m)	6.65 (0.188)
Stuffer	Fork Type
Protection	Shear Bolt
PLUNGER	
Speed: Strokes/Min	40/97
Length of Stroke: in. (mm)	27.95 (710)
Mounting	4 Tapered Roller Bearings (Sealed) 2 Ball Bearing Rollers (Sealed)
TYING MECHANISM	
Knotters	Four Double Knot Type
Twine Storage Capacity	20 Balls
TIRES	
Single Axle	21.5L x 16.1 or 600/50-22.5 (Optional)
Tandem Axle	500/50-17
LIGHTS	
	Six Working Lights; Amber Flashing Warning and Turn Signals; Taillights
CONTROL & MONITORING SYSTEM	
Type	FieldStar Data Touch Terminal
Baler Controls	Plunger Load to Control Bale Density, Alarm Volume, Reset Bale Counters

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TRACTOR REQUIREMENTS	
Horsepower	
Minimum: hp. (kW)	100 (75)
Recommended: hp. (kW)	120 (90)
Minimum w/ Cutter: hp. (kW)	140 (105)
Minimum Tractor Weight: lbs. (kgs)	15,600 (7,090)
Hydraulics	Two Double-Acting Remote Valves
Electrical system	12 Volt DC
OPTIONS	
Cutter	Factory Option
Bale Ejector	Factory or Field Option
Knottor Blower	Factory or Field Option
ACCUMULATOR	
Type	5 Bale



The adjustable solid windguard contributes to the smooth crop flow into the baler.



The baler features a wide opening door on each side, for unsurpassed serviceability.



Daily maintenance items and the twine boxes are easily accessed on both sides of the baler.



The baler main drive chain combines simplicity, low maintenance, and long life. The baler timing is the easiest of any baler on the market.

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