

BALER MODEL	1836	1838	1840	1842
Bale Size				
Size of chamber in. (mm)	14 x 18 (356 x 457)	14 x 18 (356 x 457)	14 x 18 (356 x 457)	16 x 18 (406 x 457)
Bale length in. (mm)	12 to 52 (305 to 1,321)	12 to 52 (305 to 1,321)	12 x 52 (305 x 1,321)	12 to 52 (305 to 1,321)
Dimensions & Weight				
Length				
w/o bale chute in. (mm)	168 (4,267)	168 (4,267)	182 (4,267)	202 (5,121)
w/bale chute in. (mm)	204 (5,182)	204 (5,182)	218 (5,182)	244 (6,187)
w/bale thrower in. (mm)	240 (6,096)	240 (6,096)	254 (6,096)	N.A.
Width (overall) in. (mm)	93 (2,362)	101 (2,565)	101 (2,565)	104 (2,652)
Height w/shielding in. (mm)	65 (1,651)	65 (1,651)	65 (1,651)	66 (1,676)
Baler weight, approx. lbs. (kg.)	2,700 (1,224)	3,050 (1,384)	3,500 (1,587)	4375 (1,985)
Tires				
Flotation	9.5L x 14, 6 Ply	11L x 14, 6 Ply	31 x 13.5-15, 8 Ply	31 x 13.5-15, 8 Ply
Pickup				
Width				
Tine to tine in. (mm)	54.6 (1,387)	70.2 (1,782)	70.2 (1,782)	70.2 (1,782)
Inside panel to panel in. (mm)	61.1 (1,552)	75.9 (1,928)	75.9 (1,928)	77.5 (1,968)
Outside panel to panel in. (mm)	73.5 (1,867)	89.1 (2,264)	89.1 (2,264)	91.2 (2,316)
Number of tine bars	3	3	4	4
Number of tines	66	84	112	112
Augers in. (mm)	13 O.D. (330)	13 O.D. (330)	11 O.D. (280)	12.5 O.D. (318)
Protection	Belt drive	Belt drive	Overrunning torque limiter	Slip and overrunning clutch
Gauge wheels	2 (one per side)	2 (one per side)	2 (one per side)	2 (one per side)
Feeding System				
Stuffer	Crank type w/4 tines	Crank type w/4 tines	Crank type w/4 tines	Crank type cam controlled w/3 tines
Drive	No. 60 chain	No. 60 chain	No. 60HD chain	No. 80 chain
Protection	Shearbolt	Shearbolt	Shearbolt	Shearbolt
Plunger				
Speed: strokes / min.	92	100	100	100
Length of stroke: in. (mm)	21.7 (550)	21.7 (550)	22 (550)	23 (584)
Mounting	7 sealed ball bearing rollers	7 sealed ball bearing rollers	8 sealed ball bearing rollers	8 sealed ball bearing rollers
Tying Mechanism				
Type	Knotters	Knotters	Knotters	Knotters
Protection	Shearbolt	Shearbolt	Shearbolt	Shearbolt
Twine container capacity	4 balls	6 balls	10 balls	10 balls
Tractor Requirements				
Minimum PTO HP (kW)	45 (34)	45 (34)	50 (37)	50 (37)
PTO speed RPM	540	540	540	540
Hydraulics	None for standard baler	None for standard baler	None for standard baler	One double acting remote valve (for hydraulic pickup lift)
Optional Kits				
	Bale chute Bale chute extension Bale chute quarter turn Wagon hitch kit Hydraulic bale tension kit Hydraulic pickup lift kit Field light kit Bale thrower	Bale chute Bale chute extension Bale chute quarter turn Wagon hitch kit Hydraulic bale tension kit Hydraulic pickup lift kit Field light kit Bale thrower	Bale chute Bale chute extension Bale chute quarter turn Wagon hitch kit Hydraulic bale tension kit Hydraulic pickup lift kit Field light kit Bale thrower	Bale chute Bale chute extension Bale chute quarter turn Field light kit Knotter lubrication system



Play It Safe. Work Smarter.

Specifications are manufacturer's estimates at time of publication and are subject to change without prior notification.

BALER MODEL	1844S	1844N
Bale Size		
Size of chamber in. (mm)	15 x 22 (380 x 560)	15.75 x 22 (400 x 560)
Bale length in. (mm)	12 to 52 (305 to 1,321)	12 to 52 (305 to 1,321)
Dimensions & Weight		
Length w/bale chute in. (mm)	285 (7,239)	285 (7,239)
Width (overall) in. (mm)	104 (2,642)	104 (2,642)
Height w/shielding in. (mm)	69 (1,753)	69 (1,753)
Baler weight, approx. lbs. (kg.)	8,000 (3,632)	8,000 (3,632)
Tongue weight lbs. (kg.)	1,030 (468)	1,030 (468)
Tires		
Flotation	14L x 16.1, 12 Ply	14L x 16.1, 12 Ply
Pickup gauge wheels	4.00 x 16 pneumatic w/ inner tube	4.00 x 16 pneumatic w/ inner tube
Pickup		
Drive	Drive shaft and roller chain	Drive shaft and roller chain
Width		
Tine to tine in. (mm)	70.2 (1,783)	70.2 (1,783)
Inside panel to panel in. (mm)	77.5 (1,969)	77.5 (1,969)
Outside panel to panel in. (mm)	91.2 (2,317)	91.2 (2,317)
Overall w/gauge wheels in. (mm)	108.5 (2,756)	108.5 (2,756)
Number of tine bars	4	4
Number and type of tines	56, double tines	56, double tines
Tine spacing in. (mm)	2.6 (66)	2.6 (66)
Tine control	Dual camtracks	Dual camtracks
Protection	Slip & overrunning clutch	Slip & overrunning clutch
Augers		
Length in. (mm)	33.5 (852)	27.6 (700)
Shaft size in. (mm)	1.38 (34.9)	1.25 (31.8)
Speed RPM	278	212
Gauge wheels	2 (one per side)	2 (one per side)
Pickup lift	Hydraulic cylinder	Hydraulic cylinder
Feeding System		
Stuffer crank	6 tines	8 tines
Protection	Shearbolt	Shearbolt
Plunger		
Speed: strokes / min.	90	90
Length of stroke: in. (mm)	21.9 (556)	21.9 (556)
Mounting	10 sealed ball bearing rollers	10 sealed ball bearing rollers
Tractor Requirements		
Minimum PTO HP (kW)	80 (60)	80 (60)
Hydraulic System		
Type	Self-contained	Self-contained
Pump displacement gpm (L/min)	3.6 (13.6)	3.6 (13.6)
Towing Vehicle Requirements		
Weight, minimum lbs. (kg.)	5,700 (2,588)	5,700 (2,588)
Electrical	12 V DC w/ ASAE 7-pin connector for warning lights	12 V DC w/ ASAE 7-pin connector for warning lights

BALER THROWER	
General	
Applicable models	1836/1838/1840
Thrower type	Belt
Belt drive	Hydraulic pump driven by baler
Apron belts	Flywheel
Type (number)	Wedge Grip pattern (2)
Size in. (mm)	12 (305)
Bale Size	
Cross section in. (mm)	14 x 18 (356 x 457)
Length in. (mm)	36 (914)
Bale weight (max.) lbs. (kg.)	70 (32)
Dimensions and Weights	
Length in. (mm)	63 (1,600)
Height in. (mm)	72 (1,829)
Weight (approx) lbs. (kg.)	500 (227)



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