

NEXGEN Baler Specifications

WS 8442 - 10 & 12 Series
HORIZONTAL AUTO - TIE BALER

APPLICATION - Most shredded, air-conveyed & processed fiber weighing 6# or less per cubic foot infeed density

CONSTRUCTION - Heavy-duty structural members properly jugged & fixtured to ensure proper alignment - CAD designed and documented - reinforced & braced as required by sound engineering standards - Replaceable liners made of 400 brinell chemistry to assure maximum wear protection

General Specifications	
Feed Opening	39" W x 84" L
Charge Box Volume	89.4 Cubic Feet
Bale Size	42" W x 42" H x Variable
Bale Weight @ 72"	Up to 2,300#
Bale Density	Up to 32#/CF

Pressure Data		
Operating Pressure	3000#	3000#
Compression Cylinder	10"	12"
Compressing Force	235,620#	339,292#
PSI	145	208
Tension Force	987,500#	1,492,500#

10" Model Performance Data				
10" Bore 7" Rod 98" Stroke				
2 x 30	75	100	2 x 50	2 x 75
146	150	200	250	350
16.2	15.9	12.5	10.5	8.2
3.7	3.7	4.8	5.7	7.3
19,800	20,200	25,700	30,600	39,200

12" Model Performance Data				
12" Bore 9" Bore 98" Stroke				
2 x 30	75	100	2 x 50	2 x 75
146	150	200	250	350
22.3	21.7	16.9	14.1	10.8
2.6	2.7	3.5	4.2	5.5
14,400	14,800	19,000	22,800	29,800

Production (Up to Tons per Hour)					Efficiency	Per Charge	Production (Up to Tons per Hour)				
7.4	7.5	9.6	11.4	14.7	1 1/2#/CF @ 50%	134#	5.4	5.5	7.1	8.5	11.1
11.8	12.1	15.4	18.3	23.5	3#/CF @ 40%	268#	8.6	8.8	11.4	13.6	17.8
14.2	14.5	18.5	22	28.2	4 1/2#/CF @ 32%	402#	10.3	10.6	13.6	16.4	21.4
14.8	15.1	19.2	22.9	29.4	6#/CF @ 25%	536#	10.8	11.1	14.2	17.1	22.3

* Includes 2 1/2 seconds for decompression on the 2 x 30, 75, 100, 2 x 50 & 2 x 75 HP units

5 - Tie Gear Twister	12 , 11 & 10 Gauge Wire	Tie - Cycle 25 Seconds
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Tension System - leverages pressure on sides, top & bottom, causing a friction resistance suitable for generating max density