

# NEXGEN Baler Specifications

NS 5030 - 9 & 10 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 scund engineering standards - Replaceable liners made of 400 brinell chemistry to assure maximum wear protection

General Specifications	
Feed Opening	27" W x 50" L
Charge Box Volume	39.6 Cubic Feet
Bale Size	30" W x 42" H x Variable
Bale Weight @ 72"	Up to 1,700#
Bale Density	Up to 32#/CF

Pressure Data		
Operating Pressure	3000#	3000#
Compression Cylinder	9"	10"
Compressing Force	190,852#	235,620#
PSI	167	207
Tension Force	772,500#	987,500#

9" Model Performance Data				
9" Bore		6" Rod	64" Stroke	
30	50	2x30	75	100
73	125	146	150	200
14.2	9.9	8.9	8.7	7.2
4.2	6	6.7	6.9	8.3
10,000	14,400	16,000	16,300	19,800

10" Model Performance Data				
10" Bore		7" Rod	64" Stroke	
30	50	2x30	75	100
73	125	146	150	200
17.1	11.6	10.3	10.1	8.2
3.5	5.1	5.8	5.9	7.3
8,300	12,200	13,800	14,100	17,300

Production (Up to Tons per Hour)					Efficiency	Per Charge	Production (Up to Tons per Hour)				
3.7	5.4	6	6.1	7.4	1 1/2#/CF @ 50%	59#	3.1	4.5	5.1	5.2	6.4
6	8.6	9.6	9.7	11.8	3#/CF @ 40%	118#	4.9	7.3	8.2	8.4	10.3
7.2	10.3	11.5	11.7	14.2	4 1/2#/CF @ 32%	178#	5.9	8.7	9.9	10.1	12.4
7.5	10.8	12	12.2	14.8	6#/CF @ 25%	237#	6.2	9.1	10.3	10.5	12.9

\* Includes 1 1/2 seconds for decompression on 30 HP & 2 1/2 seconds on the 50, 2x30, 75 & 100 HP

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