

NEXGEN Baler Specifications

WS 5042 - 8, 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 sound engineering standards - Replaceable liners made of 400 brinell chemistry to assure maximum wear protection

General Specifications	
Feed Opening	39" W x 50" L
Charge Box Volume	55.5 Cubic Feet
Bale Size	42" W x 42" H x Variable
Bale Weight @ 72"	Up to 2,200#
Bale Density	Up to 30#/CF

Pressure Data			
Operating Pressure	3000#	3000#	3000#
Compression Cylinder	8"	9"	10"
Compressing Force	150,797#	190,852#	235,620#
PSI	92	117	145
Tension Force	630,940#	772,500#	987,500#

	8" Model Performance Data				9" Model Performance Data				10" Model Performance Data			
	8" Bore 6" Rod 64" Stroke				9" Bore 6" Rod 64" Stroke				10" Bore 7" Rod 64" Stroke			
Compressing Cylinder												
Horsepower	30	50	2x30	75	30	50	2x30	75	30	50	2x30	75
Gallons per Minute	73	125	146	150	73	125	146	150	73	125	146	150
Cycle Time (no load)*	11.5	8.4	7.5	7.4	14.2	9.9	8.9	8.7	17.1	11.6	10.3	10.1
Cycles per Min.	5.2	7.1	8	8.1	4.2	6	6.7	6.9	3.5	5.1	5.8	5.9
Displacement	17,300	23,700	26,600	27,000	14,000	20,100	22,400	22,900	11,600	17,200	19,300	19,700

Efficiency	Charge	Production (Up to Tons per Hour)											
1 1/2#/CF @ 50%	83#	6.4	8.8	9.9	10.1	5.2	7.5	8.4	8.5	4.3	6.4	7.2	7.3
3#/CF @ 40%	166#	10.3	14.2	15.9	16.2	8.4	12	13.4	13.7	6.9	10.3	11.5	11.8
4 1/2#/CF @ 32%	249#	NA	NA	NA	NA	10	14.4	16.1	16.4	8.3	12.3	13.9	14.1
6#/CF @ 25%	333#	NA	NA	NA	NA	NA	NA	NA	NA	8.7	12.9	14.4	14.7

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

5 - Tie Gear Twister

12, 11 & 10 Gauge Wire

Tie - Cycle 25 Seconds

Flex-Ten System - leverages pressure on sides, top & bottom, causing a friction resistance suitable for generating max density