

NEXGEN Baler Specifications

EWS 6048 - 8, 9 & 10 Series
HORIZONTAL AUTO - TIE BALER

APPLICATION - Most shredded, air-conveyed & processed fiber weighing 4# 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	45" W x 60" L
Charge Box Volume	74.8 CF
Bale Size	48" W x 42" H x Variable
Bale Weight @ 72"	Up to 2,300#
Bale Density	Up to 28#/CF

Pressure Data			
Operating Pressure	3000#	3000#	3000#
Compression Cylinder	8"	9"	10"
Compressing Force	150,797#	190,852#	235,620#
PSI	69	88	109
Tension Force	630,940#	772,500#	987,500#

	8" Model Performance Data				9" Model Performance Data				10" Model Performance Data			
	8" Bore 6" Rod 74" Stroke				9" Bore 6" Rod 74" Stroke				10" Bore 7" Rod 74" Stroke			
Compressing Cylinder	30	50	2x30	75	30	50	2x30	75	30	50	2x30	75
Horsepower	73	125	146	150	73	125	146	150	73	125	146	150
Gallons per Minute	13.3	9.4	8.4	8.3	16.4	11.2	10	9.8	19.9	13.3	11.7	11.5
Cycle Time (no load)*	4.5	6.3	7.1	7.2	3.6	5.3	6	6.1	3	4.5	5.1	5.2
Cycles per Min.	20,200	28,600	32,000	32,400	16,400	24,000	26,900	27,400	13,500	20,200	23,000	23,400
Displacement												

Efficiency	Charge	Production (Up to Tons per Hour)											
		5.5	7.8	8.8	8.9	4.5	6.6	7.4	7.5	3.7	5.5	6.3	6.4
1#/CF @ 55%	74#												
2#/CF @ 45%	148#	9	12.8	14.4	14.5	7.3	10.8	12.1	12.3	6	9	10.3	10.5
3#/CF @ 40%	222#	NA	NA	NA	NA	8.6	14.4	16.1	16.4	8.1	12.1	13.8	14
4#/CF @ 35%	296#	NA	NA	NA	NA	NA	NA	NA	NA	9.4	14.1	16.1	16.3

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

5 - Tie Gear Twister

Tie - Cycle 25 Seconds

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