

NEXGEN Baler Specifications

EWS 7248 - 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 72" L
Charge Box Volume	88.5 Cubic Feet
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 86" Stroke				9" Bore 6" Rod 86" Stroke				10" Bore 7" Rod 86" 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)*	15.4	10.7	9.5	9.3	19.1	12.8	11.3	11.1	23.3	15.2	13.4	13.1
Cycles per Min.	3.9	5.6	6.3	6.4	3.1	4.6	5.3	5.4	2.5	3.9	4.4	4.5
Displacement	20,600	29,700	33,500	34,200	16,600	24,800	28,100	28,700	13,600	20,900	23,700	24,300

Efficiency	Charge	Production (Up to Tons per Hour)											
1#/CF @ 55%	88#	5.6	8.1	9.2	9.4	4.5	6.8	7.7	7.8	3.7	5.7	6.5	6.6
2#/CF @ 45%	186#	9.2	13.2	15	15.3	7.4	11.1	12.6	12.9	6.1	9.4	10.6	10.9
3#/CF @ 40%	265#	NA	NA	NA	NA	9.9	14.8	16.8	17.2	8.1	12.5	14.2	14.5
4#/CF @ 35%	354#	NA	NA	NA	NA	NA	NA	NA	NA	9.5	14.6	16.5	17

* 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