

NEXGEN Baler Specifications

PC 3230 - 7 & 8 Series
HORIZONTAL AUTO-TIE BALERS

APPLICATION - Most shredded & air-conveyed recyclable materials weighing 4# or less per cubic foot infeed density

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

General Specifications	
Feed Opening	32" Long x 28" Wide
Charge Box Volume	28.4 Cubic Feet
Bale Size	30" x 42" x Variable
Bale Weight @ 72"	Up to 1,600#
Bale Density	Up to 32#/CF

Pressure Data		
Operating Pressure	3000#	3000#
Compression Cylinder	7"	8"
Compressing Force	115,454#	150,797#
PSI	105	138
Tension Force	630,940#	630,940#

7" Model Performance Data			
7" Bore	5" Rod	46" Stroke	
20	30	50	2 x 30
50	73	125	146
10.7	7	6.2	5.2
5.6	8.5	9.7	11.5
9,500	14,600	16,400	19,600

Compressing Cylinder	
Horsepower	
Gallons per Minute	
Cycle Time (no load) (in seconds)*	
Cycles per Minute	
Displacement (CF/HR)	

8" Model Performance Data			
8" Bore	6" Rod	46" Stroke	
20	30	50	2 x 30
50	73	125	146
13.5	8.7	7.3	6.1
4.4	6.9	8.2	9.8
7,500	11,700	14,000	16,700

Production (Up to Tons per Hour)				Efficiency	Per Charge	Production (Up to Tons per Hour)			
2.6	4	4.5	5.3	1#/CF @ 55%	28#	2	3.2	3.8	4.5
4.4	6.8	7.7	9.2	2#/CF @ 47%	57#	3.5	5.5	6.5	7.8
5.7	8.7	9.8	11.7	3#/CF @ 40%	85#	4.5	7	8.4	10
6.2	9.6	10.8	12.9	4#/CF @ 33%	114#	4.9	7.7	9.2	11

* Includes 1 1/2 seconds for decompression on 20 & 30 HP units and 2 1/2 seconds on the 50 & 2x30 units

5 -Tie Gear Driven Twister	12, 11, 10 gauge wire	Tie - Cycle 25 Seconds
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Flex-Ten System - leverages pressure on sides, top & bottom creating a friction resistance suitable for generating max density