

# NEXGEN Baler Specifications

PC 4430 - 7 & 8 Series  
HORIZONTAL AUTO-TIE BALERS

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

CONSTRUCTION - Heavy-duty structural members properly jiggged & 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	44" Long x 28" Wide
Charge Box Volume	37 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				8" Model Performance Data			
7" Bore 5" Rod 58" Stroke				8" Bore 6" Rod 58" Stroke			
20	30	50	2 x 30	Compressing Cylinder			
50	73	125	146	Horsepower			
11.9	8.6	6.7	6.1	Gallons per Minute			
5.0	6.9	9.0	9.8	Cycle Time (no load) (in seconds)*			
11,100	15,400	19,800	21,800	Cycles per Minute			
				Displacement (CF/HR)			
				8,800	12,300	16,800	18,500

Production (Up to Tons per Hour)				Efficiency	Per Charge	Production (Up to Tons per Hour)			
3	4.2	5.4	6	1#/CF @ 55%	37#	2.4	3.3	4.6	5
5.1	7.2	9.3	10.2	2#/CF @ 47%	74#	4.1	5.7	7.9	8.7
6.6	9.2	11.8	13	3#/CF @ 40%	111#	5.2	7.3	10	11.1
7.3	10.1	13	14.3	4#/CF @ 33%	148#	5.8	8.1	11	12.2

\* Includes 1 1/2 seconds for decompression on 20 & 30 HF 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

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