

NARROW SERIES

# GALAXY2R<sup>®</sup>

## TWO RAM BALERS

The GALAXY 2R - Two-Ram Balers feature a combination of the latest electronics technology and advanced structural engineering to make the most powerful and efficient balers available.

Featuring *NexDoor*<sup>®</sup>



**NEXGEN**  
BALING SYSTEMS

# GALAXY 2R

TWO RAM BALERS

With standard full penetration ram, NexDoor, and high force compaction, the GALAXY 2R Narrow Model Two-Ram Balers produce high density bales of a wide variety of materials.

Shown with optional  
EZ-TRAX N-Pan™  
Steelbelt Conveyor

"We had a [competitor] unit but when we decided to upgrade, we visited several sites with a [NEXGEN] baler. We were so impressed with the standard features that we purchased a 2R-190-70N which has dramatically increased our production and allowed us to bale a wider variety of materials."

Mark Tagliavoni –  
National Material Recycling Co.,  
Lorain, OH

**Full Penetration Ram for superior density - standard on all models**

**NexDoor®** – multi-purpose door that can serve as a bale separator, bale release, or bale clamp. It also allows for variable bale widths

## Variety of Applications!

- Scrap Dealers - with Metals Package
- Material Recovery Facilities
- Recycling Centers
- Distribution Centers
- Large Paper & Plastic Processors
- MSW - with Solid Waste Package



## Features & Benefits



**High-efficiency Power Unit** – Power units available from 30 HP up to 2x30 HP; TEFC motors; flooded suction pumping system with high-flow hydraulic manifold; 10 micron filtration system; pressure and current transducers; separate cooling and tier circuit; and air-to-oil cooler.



**Maestro® Color Touch-Screen Operator Interface** PLC programmable controller features automatic and manual controls, diagnostics and bale set-up functions. Also available with multi-language option.



**Adjustable Shear Beam** – The body shear blades are adjustable from the exterior of the machine (optional on 2R150 & 190).



**Laser Positioning** – Main ram, ejector ram, and **NexDoor®** are controlled by a long range laser sensor. Tie positioning is determined by the laser and eliminates the need for a sprocketed counter wheel.



**Shear Blades** – Ram shear blade is replaceable and reversible. Body shear blade is serrated, adjustable, reversible, and replaceable.

**Replaceable Liners** – 500 brinell steel replaceable liners on floor, sides, and platens for superior wear resistance. Tongue & groove charge chamber floor (optional on 2R150 & 190).



**Stamper** – Optional stamper automatically clears shear jams.

**Ram Hold Downs** – Adjustable from the outside of the machine. Also reversible.

**Upper & Lower Infrared Actuators** – Upper infrareds are located on the access door and are adjustable to the height of the feed hopper.



## Factory Start-Ups

*NEXGEN provides on-site start-up and comprehensive baler operation training for your personnel.*

*An optional Modem can be provided to allow factory diagnostics and troubleshooting capability.*

**EZ-TRAX  
CONVEYORS**



## Conveyor Systems

*NEXGEN manufactures EZ-TRAX Conveyor Systems featuring heavy-duty N-Pan steelbelts. They are also used in complete MRF systems that can include slider bed conveyors, sorting lines, sorting bins, baler feeds, platforms, and a variety of configurations for bulk-handling applications.*

Visit: [EZ-Trax.com](http://EZ-Trax.com)

# GALAXY 2R<sup>®</sup> Two-Ram Balers Narrow Series

## Basic Specifications:

	2R 150N	2R 190N	2R 250N
Available Power Unit	30 & 50	50 & 2x30	50 & 2x30
GPM	73 & 137	137 & 128	137 & 128
Average Cycle Time Sec.* (no load)	19.1 & 11.9	16.0 & 16.9	18.4 & 19.5
Compressing Cylinder (Bore x Rod x Stroke)	8" x 6" x 120"	9" x 6" x 133"	9" x 7" x 153"
Compressing Force (PSI)	150,800	190,850	254,470
Feed Opening (W x L)	40 3/4" x 57"	40 3/4" x 70"	40 3/4" x 84"
Baler Size (L x W x H)	28'-7" x 17'-6" x 44"	31'-6" x 17'-6" x 44"	35'-4" x 17'-6" x 48 1/2"
Height to Top of Hopper	92"	92"	92"
<b>Average Bale Weights (pounds)</b>			
OCC	1200	1300	1450
SOP	1200	1300	1400
ONP	1400	1500	1500
PET	800	900	1100
HDPE	900	1000	1200
UBC	700	850	950
Steel Cans	1100	2000	2200
MSW	1500	1800	2000
AL Extrusions	900	1100	1200
AL Siding	1100	1250	1500
AL/CU Radiators	1200	1400	1500
Misc. AL	1400	1600	1800

\*Cycle time calculated based on 1/2 penetration into bale chamber.



Visit our website for the latest innovations, product information, up-to-date news, literature, videos, and much more.

**NEXGENbalers.com**



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