



Galaxy2R[®] Two-Ram Baler (Narrow Model)

*Full-penetration
compaction ram
produces high
density bales*

*Easily switch
between various
recyclable
materials with
the programmable
controller*

*Multi-purpose
door can serve as
a bale separator,
bale release, or
bale clamp*



**Environmental
Solutions Group**

A DOVER COMPANY

Marathon's line of Galaxy2R® narrow model balers feature a combination of state-of-the-art electronics and advanced structural engineering to make powerful and efficient balers.

Galaxy2R Two-Ram Narrow Model Baler

Powerful and efficient baling

Marathon's Galaxy2R two-ram narrow model balers feature a full-penetration compaction ram to produce high density bales. The programmable PLC controller features automatic and manual controls, diagnostics, and bale set-up functions. The controller allows you to easily switch recyclable materials. Adding the optional metals package makes the Galaxy2R narrow model perfect for scrap applications.

The Galaxy2R narrow model balers feature a multi-purpose door that can serve as a bale separator, bale release, or bale clamp. It also allows for variable bale widths. The Galaxy2R narrow model balers also come with components such as a high-efficiency power unit, adjustable shear beam, replaceable and reversible shear blades, and main ram and ejector ram laser positioning.

The Galaxy2R narrow model is designed to fit a variety of applications:

- Non-Ferrous scrap*
- Material Recovery Facilities (MRF)
- Recycling centers
- Distribution centers
- Large paper and plastic processors
- MSW (with solid waste package)

** Subject to maximum recommended material size*



The Galaxy2R® narrow model features an adjustable shear beam that enables you to adjust the shear blades from the exterior of the machine.

(Optional on 2R150N and 2R190N)



High-efficiency power units available from 30 HP up to 2x100 HP

- TEFC motor (Totally Enclosed Fan Cooled)
- 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.



The Galaxy2R narrow model features a heavy-duty reinforced honeycomb structure for maximum performance.



Color touch-screen operator interface PLC programmable controller features automatic and manual controls, diagnostics and bale set-up functions. Available with multi-language function.



Multi-purpose door can serve as a bale separator, bale release, or bale clamp. It also allows for variable bale widths.



Marathon's Galaxy Pro® Monitoring System enables web-based, real-time monitoring of production and maintenance data. The Galaxy Pro will send email notifications to required personnel, and the Marathon Service Tech Team can also initiate contact.



The Galaxy2R narrow model ram shear blade is replaceable and reversible. The body shear blade is serrated, adjustable, and replaceable. Replaceable 500 Brinell steel liners on the floor, sides, and platens offer superior wear resistance.



The optional stamper automatically clears shear jams.

EZ-TRAX™ Conveyors

Marathon Recycling Solutions offers custom engineered conveying systems to handle a wide variety of bulk material and scrap handling applications. These range from light-duty slider beds to heavy-duty steel belt conveyors and complete turnkey MRF systems.

Factory Start-ups

Marathon provides on-site set-up and comprehensive baler operation training for your personnel.



Galaxy2R[®] Two-Ram Baler (Narrow Model)

Specifications	2R150N	2R190N	2R250N
Power unit	50	50 and 2x30	100 and 2x50
GPM	137	137 and 128	137 and 128
Cycle Time (no load averages)	19.1 sec.	16.0 to 16.9 sec.	18.4 to 19.5 sec.
Compression force	150,800 LBF	190,850 LBF	254,400 LBF
Feed opening (W x L)	40 3/4" x 57" 1035 x 1488 mm	40 3/4" x 70" 1035 x 1778mm	40 3/4" x 83 7/8" 9601 x 5334 x 1118mm
Baler size (L x W x H)	28'8" x 23'9" x 92" 8738 x 7239 x 2337mm	30'10" x 23'9" x 92" 9398 x 7239 x 2337mm	34'10" x 24' x 92" 10617 x 7315 x 2337mm
Compressing cylinder bore	8" 203mm	9" 229mm	9" 229mm
Compressing cylinder rod	6" 152mm	6" 152mm	6" 152mm
Compressing cylinder stroke	120" 3048mm	133" 3378mm	153" 3886mm
Bale Weight Data			
OCC	up to 1,200 lbs. 544 kg	up to 1,300 lbs. 590 kg	up to 1,450 lbs. 658 kg
SOP	up to 1,200 lbs. 544 kg	up to 1,300 lbs. 590 kg	up to 1,400 lbs. 635 kg
ONP	up to 1,400 lbs. 658 kg	up to 1,500 lbs. 680 kg	up to 1,500 lbs. 680 kg
PET	up to 800 lbs. 363 kg	up to 900 lbs. 408 kg	up to 1,100 lbs. 490 kg
HDPE	up to 900 lbs. 408 kg	up to 1,000 lbs. 454 kg	up to 1,200 lbs. 544 kg
UBC	up to 700 lbs. 318 kg	up to 850 lbs. 386 kg	up to 950 lbs. 431 kg
Steel cans	up to 1,100 lbs. 490 kg	up to 2,000 lbs. 907 kg	up to 2,200 lbs. 998 kg
MSW	up to 1,500 lbs. 680 kg	up to 1,800 lbs. 816 kg	up to 2,000 lbs. 907 kg
AL extrusions*	up to 900 lbs. 408 kg	up to 1,100 lbs. 490 kg	up to 1,200 lbs. 544 kg
AL siding	up to 1,100 lbs. 490 kg	up to 2,000 lbs. 907 kg	up to 1,500 lbs. 680 kg
AL/CU radiators	up to 1,200 lbs. 544 kg	up to 1,400 lbs. 658 kg	up to 1,500 lbs. 680 kg
Misc. AL*	up to 1,400 lbs. 635 kg	up to 1,600 lbs. 726 kg	up to 1,800 lbs. 816 kg
Cycle time calculated based on 1/2 penetration into bale chamber			

Authorized Dealer:



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