



# Galaxy2R<sup>®</sup> Two-Ram Baler (Wide 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® two-ram balers feature a combination of state-of-the-art electronics and advanced structural engineering to make powerful and efficient balers.*

## Galaxy2R Two-Ram Baler

### Powerful and efficient baling

Marathon's Galaxy2R two-ram 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 perfect for scrap applications.

The Galaxy2R series 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 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.



*Shown with optional operator platform*

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



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 features a heavy-duty reinforced honeycomb structure for maximum performance.



Maestro™ 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.



The main ram, ejector ram, and multi-purpose door are controlled by a long range laser sensor. The positioning is determined by the laser and eliminates the need for a counter wheel.



The Galaxy2R 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<sup>®</sup> Two-Ram Baler (Wide Model)

Specifications	2R310W	2R450W
Power unit	2x30 / 100 / 2x50 / 2x75	100 / 2x50 / 2x75 / 2x100
Cycle Time (no load averages)	9.8 to 25.2 sec.	11.1 to 23.9 sec.
Compression force	314,160 LBF	452,390 LBF
Ram face pressure	188 psi	270 psi
Feed opening width	57" 1448mm	57" 1448mm
Feed opening length	70" / 84" / 102" 1778mm / 2134mm / 2591mm	84" / 102" 2134mm / 2591mm
Baler size (with 70"L feed opening)	31'7" x 20'1" x 4'4" 9627mm x 6121mm x 1321mm	N/A
Baler size (with 84"L feed opening)	33'10" x 20'1" x 4'4" 10312mm x 6121mm x 1321mm	37'3" x 22'2" x 4'7" 11354mm x 6756mm x 1397mm
Baler size (with 102"L feed opening)	37' x 20'1" x 4'4" 11278mm x 6121mm x 1321mm	40'3" x 22'2" x 4'7" 12268mm x 6756mm x 1397mm
Baler weights	77,500 to 91,000 lbs. 35153 kg to 41277 kg	102,200 to 114,100 lbs. 46357 kg to 51755 kg
Bale Weight Data		
OCC	up to 1,600 lbs. 726 kg	up to 1,850 lbs. 839 kg
SOP	up to 1,400 lbs. 635 kg	up to 1,600 lbs. 726 kg
ONP	up to 1,600 lbs. 726 kg	up to 1,800 lbs. 816 kg
PET	up to 1,300 lbs. 590 kg	up to 1,600 lbs. 726 kg
HDPE	up to 1,400 lbs. 635 kg	up to 1,600 lbs. 726 kg
UBC	up to 1,000 lbs. 454 kg	up to 1,200 lbs. 544 kg
Steel cans	up to 2,200 lbs. 998 kg	up to 2,600 lbs. 1179 kg
MSW	up to 2,200 lbs. 998 kg	up to 2,500 lbs. 1134 kg
AL extrusions*	up to 1,300 lbs. 590 kg	up to 1,350 lbs. 612 kg
AL siding	up to 1,600 lbs. 726 kg	up to 2,000 lbs. 907 kg
AL/CU radiators	up to 1,600 lbs. 726 kg	up to 2,000 lbs. 907 kg
Misc. AL*	up to 2,000 lbs. 907 kg	up to 2,400 lbs. 1089 kg
* subject to maximum recommended material size		

## Rental and Leasing Programs Available

## Authorized Dealer:

For detailed specifications, recommendations, or free economic studies comparing various systems, contact Marathon Customer Care at **1-800-633-8974**.



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