

From the World's Leading Manufacturer of Waste Compaction and Recycling Equipment



Marathon specializes in manufacturing balers to fit your individual application by offering numerous models, features, and options:

MARATHON EQUIPMENT COMPANY'S

High Productivity... Automatic Operation
Heavy Duty Construction
Manufactured and Engineered with Over
Three Decades of Experience



Auto-Tie Horizontal Baler



**Rugged Construction
for Longer Life, Less
Maintenance**



Feature Filled

Marathon stress engineers the heavy duty body frame and builds it with side support channels and I-Beam floor construction for long service life. The charge chamber on most models is fully lined with T1-400 abrasion-resistant steel liners, to ensure long term, smooth bale ejection. The liners are replaceable and factory CAD documented for future

field maintenance. Marathon liners out-perform other designs such as rams on wheels or plastic slides, which wear quickly and are costly to replace and maintain.

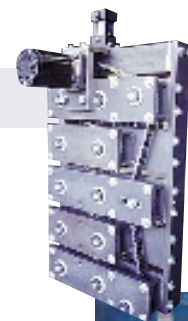


**Tension Bands for
More Even, Dense
Bales**

Multiple tension bands, combined with the Marathon Advanced Control Program, produce a steady throughput of more dense and even bales. Hydraulic cylinders located on the top and sides of the tension bands regulate a wall of resistance around the bale. As the ram pushes the bale outward, multiple hydraulic cylinders force the sides and the top panel downward and inward. Compression is achieved on all sides of the bale as it is extruded. The Control Program is self-adjusting and automatically monitors the degree of tension needed for different materials, minimizing the need to make manual adjustments. The Tension Bands and Advanced Control Program on all Auto-Tie Balers help you achieve superior productivity.

**Hydraulically Driven
Auto-Tier for
Dependability**

Marathon's fully automatic tier system features hardened tool steel cutter blades and a serpentine chain design with a tension adjustment. Engineered for dependability, the Auto-Tier is equipped with precision wire inserters designed to engage wire more accurately than systems which pull wire around the bale. The hinged twister assembly swings open for easy maintenance. All moving components in the tier have bearings or ride on low-friction surfaces for longer life.



Fully Automatic Operation: The Marathon programmable controller will manage conveyors and other peripheral components.

Digital Bale Length Operator Interface: The bale length can be easily specified and read from the digital bale-length display, eliminating any guesswork.

Energy Efficient Regenerative Hydraulic Circuits: Regenerative Hydraulic Circuits are standard on 50 (except 50A), 75 and 100 hp Auto-Tie Balers and produce a more energy-efficient operation and the quickest cycle times.

Exceptionally Quiet Vane Pumps: Exceptionally quiet multi-purpose vane pumps provide optimum performance.

Quick, Cost Effective Parts Delivery: For your benefit, Marathon established the industry's most popular models and engineered them with standard off-the-shelf components for quick delivery, easy maintenance and consistent on time start-up.

Easy Operations with Computer Diagnostic System *optional*: This system integrates baler operation and accessible trouble shooting information at one station. Baler functions are monitored continuously with immediate feedback on a conveniently located, easily readable display. Operation is simplified and downtime held to an absolute minimum.

Multi-Material Processing: Marathon specifically designs its Auto-Tie Balers to process a variety of materials.

Complete Turn-Key Installation: Your trained recycling system distributor is ready to supply valuable expertise in establishing or enhancing your recycling program.

Leasing & Financing Options Available: Many purchasing options enable you to quickly acquire Marathon balers with nominal cash and capital outlay.



Standard Features:

- Programmable Controller
- Hydraulically driven auto-tie
- Tension bands
- Regenerative hydraulic circuits
(50hp & above except 50A)
- Upper & lower photocells
- Reversible & replaceable shear bar
- Abrasion-resistant steel liners
- Electrical disconnect
- Chute/conveyor hopper w/ view door
- High efficiency power unit
- Conveyor control relay
- 460 volt 3 phase
- Bale run-out table
- Oil cooler (except E models)
- Spring retainer dogs
- Power-on light
- Start-up alarm/beacon
- Factory start-up

Products must be installed in conformity with ANSI Z245.5 as well as any applicable codes and regulations. Products must be used with safe practices and in accordance with said regulations and standards. Pictures in this brochure are illustrative only.



ENVIRONMENTAL INDUSTRY ASSOCIATION

Options:

- Computer diagnostic system
- Bale made buzzer
- Bale wire
- Low oil shutdown
- Oil heater
- Oil temperature shutdown
- Tongue & groove floor
- Custom hoppers
- Conveyor motor starter
- Other voltages
- Sonic sensors
- Peripheral equipment such as conveyors & conditioning equipment
- Water misting system



Authorized Dealer:

Standard Feature

& Options

PRODUCT
SPECIFICATIONS
AVAILABLE UPON
REQUEST



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