

# SELF-CONTAINED COMPACTORS

## RJ-250HT

Self-Contained Compactor  
With Hydraulic Tailgate



### RJ-250HT Features

- ▼ Great for waste with high liquid content
- ▼ Qwik Clean® Tank
- ▼ CYCON Life-Xtender™ Cyclic Control System
- ▼ Customizable for individual applications

### The Worldwide Compaction Leader

Marathon® Equipment is known throughout the world as one of the leading manufacturers of quality on-site waste compaction products. The RamJet® brand has been the industry standard for quality and innovation for more than 50 years, and includes stationary and self-contained compactors, compaction containers, apartment and high-rise compactors, pre-crushers, auger-style compactors, transfer systems, and a wide array of options for virtually any application.






Environmental  
Solutions Group®

a DOVER company

## RJ-250HT Compactor

### Overview

#### Perfect for:

-  Malls / Shopping Centers
-  Dairies
-  Restaurants
-  Cafeterias / Fast Food
-  Airline Food Service
-  Supermarkets
-  Food Processors
-  Theme Parks/Resorts
-  Hospitals/Institutions
-  Hotels

### Why Marathon<sup>®</sup> Is the Preferred Choice

**Marathon** components are selected for longevity and minimum maintenance, with special attention given to the selection of high-duty cycle components. Stress engineering provides the optimum degree of structural integrity. Only the best materials are used and the highest standards of quality are observed in the manufacturing process.

RamJet<sup>®</sup> HT compactors are state-of-the-art in roll-off self-contained compactors, featuring large feed openings and expanded container storage capacity. They are designed to optimize safety for workers, store and transport waste, prevent contamination of public areas in accordance with public health department requirements, improve working conditions for employees, and reduce hauling costs.

The RJ-250HT compactor can be customized with a variety of loading arrangements to suit specific applications. The RJ-250HT is particularly well suited for security chute-fed and dock-fed applications where maneuvering space for the collection vehicle is limited. Unique to the RJ-250HT, the compactor is built into the same door through which the compacted refuse is later emptied, eliminating the need for the additional space necessary for the time-consuming “double turn-around” maneuver required for conventional self-contained models.

The RJ-250HT is perfect for weekly volumes of more than 100 cubic yards of wet or general waste materials.



*Some images shown with optional equipment*

## RJ-250HT Series Compactor

### Features



### RJ-250HT Features

- ▼ Exclusive **41" x 58"** feed opening to handle large, bulky items
- ▼ **Continuous feeding capability** — even while the compactor is operating
- ▼ Easy loading from either ground or dock level
- ▼ Up to 24 tons of crushing force to reduce refuse to a fraction of its former size, **saving valuable space**
- ▼ Cycon Life-Xtender™ Cyclic Control System
- ▼ Fire hose connection provided on each unit
- ▼ Factory testing to ensure leak-proof construction

### Compactor Fundamentals

Eight simple items to consider when choosing the perfect compactor for your application:

- 1 Recyclables** — Is there sufficient volume of recyclable materials to warrant more than one compaction system or is recycling mandatory?
  - 2 Size of Waste** — Is the Feed (Clear Top) Opening large enough to accommodate the largest items without bridging?
  - 3 Safety Standards** — Does the installation comply with recommended ANSI standards? Is there an access interlock switch on chute or hopper doors and gates? Is a "momentary contact" control required?
  - 4 Power Source** — Is adequate power available? Three or single phase?
  - 5 Convenience** — Is the compactor located for easiest use? Loading height? Can a hopper, doghouse, (charge box enclosure) or cart dumping system improve convenience? Can value be added (building or employee security) by loading through the wall? Would an Ozone Odor Control System solve odor or pest control problems?
  - 6 Volume of Waste Generated** — Will the compactor be adequate to handle the volume generated during the peak load periods?
  - 7 Location** — Does, or can, the waste flow to one central point?
  - 8 Available Space** — Is there space for the Compaction System and maneuvering room for collection trucks? Is there adequate overhead clearance? Is there compatibility with the collection truck?
- ? Have Questions?** If you have any questions or need assistance with your compaction needs, please call **1-800-633-8974** and speak to a specialist. We are here to help!

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## RJ-250HT Series Compactor

### Features



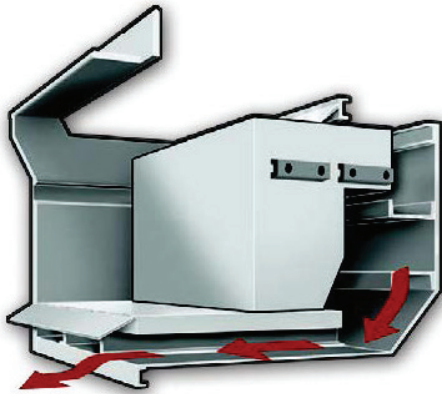
### Remote Power Pack

Separate from the compactor/container, the Marathon® Remote Power Pack remains free of damage caused during hauling to and from disposal sites and free of problems caused by landfill dust. No electrical connections to make or break, two simple-to-use, hydraulic quick disconnects couple the power unit to the packing head. All **Marathon** Remote Power Packs are built in-house to our quality standards and each unit must pass a series of stringent tests before it can be shipped with the selected compactor.



### Optional Doghouse

An optional doghouse offers a totally enclosed charge box with heavy-duty latches.



### Qwik Clean® Tank Feature

The **Qwik Clean** Tank feature, standard on all RJ-250HT compactors, funnels any liquid seepage which can occur during compaction into an enclosed area underneath the charge-box floor. The liquid is automatically discharged at the disposal site, in effect flushing the container and the area behind the ram. The 12" high, up to 750-gallon capacity sump area is designed to provide easier hook access for roll-off drivers.



### Ram Guide System

The packing ram is supported by specially formulated cast-iron shoes which ride on replaceable wear strips. This exclusive design protects the charge-box floor from the full force of the packing ram, extending its life and dramatically reducing compaction-robbing friction.



### Cycon Life-Xtender™ Cyclic Control System

#### Standard on all Marathon® RJ-250HT Compactors

- ▼ Reliable, solid-state circuitry eliminates all pressure and limit switches
- ▼ The **Cycon Life-Xtender** no-shock cycle control extends cylinder and hose wear life
- ▼ Automatic “container full assurance system” — the ram dwells against the load at full pressure, resulting in better compaction
- ▼ Smoother running, quieter operation
- ▼ Advanced hydraulic design enables the system to operate at minimum pressure levels until the need for more pressure is automatically sensed
- ▼ More accurate Advanced Warning or Container Full options
- ▼ Superior cold-weather performance



For more information or to order, call 1-800-633-8974 or visit us at [www.marthonequipment.com](http://www.marthonequipment.com)

## RJ-250HT

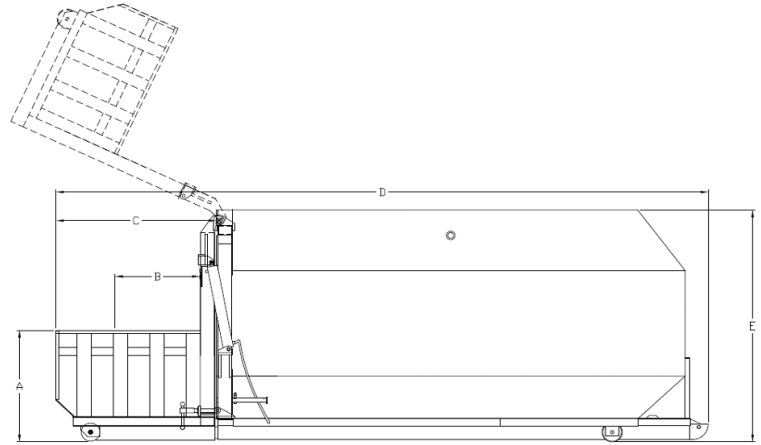
### Dimensions & Specifications

Specifications		
Clear Top Opening (L x W)	41" x 58"	1041mm x 1473mm
Compactor Capacity	1.31 yd <sup>3</sup>	1.00 m <sup>3</sup>
Ram-Face Size (W x H)	60" x 24 1/2"	1524mm x 622mm
Performance Characteristics		
Cycle Time	33 seconds	
Total Normal Force	39,800 lbs.	177 kN
Total Maximum Force	49,500 lbs.	220 kN
Normal Ram-Face Pressure	27.1 psi	186.7 kPa
Maximum Ram-Face Pressure	33.7 psi	232.2 kPa
Ram Penetration	6"	152mm
Electrical Equipment		
Electric Motor 3/60/208-575	10 hp	7.5kW
Electric Control Voltage	120 VAC	
Standard Controls Include	3-Push-Button Station Start/Stop/Reverse	
Hydraulic Equipment		
Hydraulic Pump	10 gpm	38 L/min
Normal Pressure	1,850 psi	128 bar
Maximum Pressure	2,300 psi	159 bar
Hydraulic Cylinder(s)	1	
Bore	4"	102mm
Rod	2 1/2"	64mm
Stroke	31 1/2"	800mm

RJ-250HT	A	B	C	D	E	Weight
25 Cu. Yd	49"	43 1/4"	67"	20' 9 1/2"	102"	11,104 lbs.
	1245mm	1099mm	1702mm	6337mm	2591mm	5037 kg
29 Cu. Yd	49"	43 1/4"	67"	23' 1"	102"	11,604 lbs.
	1245mm	1099mm	1702mm	7036mm	2591mm	5264 kg

\* Overall height with hydraulic tailgate raised: 16' 6".  
Hoist should be equipped with selector valve (1500 psi minimum) in order to control hydraulic tailgate.

Pictures and mechanical diagrams in this literature are illustrative only and may not be to scale. Specifications are subject to change without notice in order to accommodate improvements to the equipment. Certified in compliance with ANSI standard Z245.2, all applicable OSHA Regulations. Products must be used only by trained operators in accordance with the Operator Manual, as well as applicable regulations, laws, and ANSI standards.



Dimension not shown: 8'4 1/8" (2543mm) Overall Width

Ground Roller Widths:

61 7/8" (1569mm) Inside Rollers  
67 3/4" (1712mm) Roller Centers  
72 7/8" (1851mm) Outside Rollers

#### We're Here To Help!

For detailed specifications, recommendations, or to request a site survey comparing various systems, contact the Marathon® Sales Team at [MarathonSales@MarathonEquipment.com](mailto:MarathonSales@MarathonEquipment.com)

#### Authorized Dealer:



Marathon Equipment Company | P.O. Box 1798 | Vernon, AL 35592-1798

Learn more about Marathon Equipment: 800.633.8974 | [www.marathonequipment.com](http://www.marathonequipment.com)