SELF-CONTAINED COMPACTORS

RJ-250SC
Self-Contained Compactor

Great for waste with high liquid content
Qwik Clean® Tank
Full Door Seal With P-Seal
CYCON Life-Xtender™ Cyclic Control System
Customizable For Your Application

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, transfer systems, and a wide array of options for virtually any application.
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RJ-250SC Compactor

Overview

Why Marathon® Equipment 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.

Our RamJet® units 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 your waste, prevent contamination of public areas in accordance with public health department requirements, improve working conditions for your employees, and reduce disposal costs.

The RJ-250SC compactor can be customized with a variety of loading arrangements to suit your specific needs.

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

The RJ-250SC is perfect for weekly volumes of more than 100 cubic yards of wet or general waste materials. All models have a packer head permanently attached to the container.

Some images shown with optional equipment

For more information or to order, call 1-800-633-8974 or visit us at www.marathonequipment.com
SELF-CONTAINED COMPACTORS

RJ-250SC Series Compactor

Features

- Exclusive 41" x 58" feed opening to handle large, bulky items
- Continuous feeding capability — even while the compactor is operating
- Adaptable to special loading systems such as large-capacity hoppers, security chutes, or total enclosures
- Odor and pest control from the Marathon® Ozone Odor Control option
- 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 and reducing landfill trips
- Fire hose connection provided on each unit
- Factory testing to ensure leak-proof construction

Perfect for Tipper System Applications

The RJ-250SC is the perfect choice for applications requiring a tipper system. These tippers can extend the benefits of compaction to all areas of your operation while keeping equipment investments to a minimum. Carts or containers can be located at individual waste generation sites within the operation, and then emptied into the compactor with the cart tipper option.

Some applications require a high degree of security and sanitation. The RJ-250SC provides both. Waste is safely stored out of reach of scavengers. Sanitary conditions are enhanced even further with the optional Marathon® Ozone Odor Control System, which destroys odor-producing bacteria by molecular reaction.

Available with Bayne Thinline® Cart Lifter

If equipped with an optional integral cart lifter, the RJ-250SC offers an economical and safety-conscious solution for a wide variety of waste material handling applications.

Bayne Thinline® cart lifters work with standard two-bar roll-out carts and can lift up to 750 lbs. They feature a durable, powder-coated finish, which provides protection from the elements, and allows for easy cleaning.

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SELF-CONTAINED COMPACTORS

RJ-250SC Series Compactor
The perfect compactor for high volume wet waste

- Large 41” x 58” Feed Opening
- Full Door Seal with P-Seat
- Bubble Gate with Auto Relatch and Double-Hinge Door
- Qwik Clean® Tank
- Cycon Life-Xtender™ Cyclic Control

P-Seal Watertight Closure
The P-shaped Door Seal is specially designed for portable compaction containers, providing a superior, watertight closure. The mounting is engineered for quick and easy installation when replacement is necessary, requiring no field fitting, cutting, or welding.

Double-Hinge with Bronze Bushing
Every RJ-250SC is tested for water-tightness before leaving the factory. Liquid retention is ensured by the incredible Double-Hinge. It creates uniform seal compression while eliminating the seal “scrubbing” and damage often encountered with competitive designs. The Double-Hinge also saves expensive driver and truck time as only one easy-to-operate ratchet is required to make it work.

Auto Relatch
The ultimate in latch systems, the Marathon® “Auto Relatch” eliminates the need to hold the door while operating the latch ratchet. This design enables the operator to use both hands on the ratchet.

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.

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RJ-250SC Series Compactor

Features

Remote Power Pack
Separate from the compactor/container, the Marathon® Remote Power Pack remains free of damage caused while hauling to and from disposal sites, and stays free of problems caused by landfill dust. There are no electrical connections to make or break, and 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
The 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-250SC compactors, funnels any liquid seepage, which can occur during compaction, into an enclosed area underneath the charge-box floor. 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.

Cycon Life-Xtender™ Cyclic Control System
Standard on all RJ-250SC and RJ-250SC Ultra Compactors

- Reliable, solid-state circuitry eliminates all pressure and limit switches
- The Cycon Life-Xtender no-shock cycle control extends cylinder and hose 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
- Dramatically improved cold-weather performance

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RJ-250SC Series Compactor

Features

StreamLine® Option
The StreamLine option enables excess liquid to be drained from the container, reducing net payload weight, and significantly reducing hauling costs. Liquid is routed to four interconnected 4" drain outlets, located at each corner of the StreamLine unit. Connection can be made to a hose, piping, or a pump.

Qwik Clean® Door
The Qwik Clean door on the packer end makes cleaning out behind the ram-in-cylinder area a snap. The door has miniature hinges, a door seal, and a ratchet binder. Also, featured is the RamJet® rear-feed-doghouse door option.
**Specifications**

**Clear-Top Opening (L x W)**
41” x 58” 1041mm x 1473mm

**Compactor Capacity**
1.31 yd³ 1.00 m³

**Ram-Face Size (W x H)**
60” x 24 ½” 1524mm x 622mm

**Performance Characteristics**

<table>
<thead>
<tr>
<th>Cycle Time</th>
<th>33 sec.</th>
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<tbody>
<tr>
<td>Total Normal Force</td>
<td>39,900 lbs. 177 kN</td>
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<tr>
<td>Total Maximum Force</td>
<td>49,500 lbs. 220 kN</td>
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<tr>
<td>Normal Ram-Face Pressure</td>
<td>27.1 psi 187 kPa</td>
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<tr>
<td>Maximum Ram-Face Pressure</td>
<td>33.7 psi 232 kPa</td>
</tr>
<tr>
<td>Ram Penetration</td>
<td>6” 152mm</td>
</tr>
</tbody>
</table>

**Electrical Equipment**

- **Electric Motor 3/60/230-460**
  - 10 hp
  - 7.5 kW

- **Electric Control Voltage**
  - 120 VAC

- **Standard Controls Include**
  - 2-Push Button Station
  - Start/Stop

**Hydraulic Equipment**

- **Hydraulic Pump**
  - 9 gpm
  - 38 L/min

- **Normal Pressure**
  - 1,850 psi 128 bar

- **Maximum Pressure**
  - 2,300 psi 159 bar

- **Hydraulic Cylinders**
  - 2

- **Bore**
  - 4”
  - 102mm

- **Rod**
  - 2 ¾”
  - 64mm

- **Stroke**
  - 31 ½”
  - 800mm

RJ-250SC Classic containers are constructed out of 7-gauge steel plate. RJ-250SC Ultra containers are constructed out of 11-gauge steel.

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

**Authorized Dealer:**

**Compactor & Baler Rental and Leasing Programs Available!**

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

Learn more about Marathon Equipment: 800.633.8974 | www.marathonequipment.com

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