

RJ-250 SC

Self-Contained Compactor
with 15 to 39 Cubic Yard
Capacity Container



RJ-250SC with
optional doghouse
hopper.

RJ-250SC Features

- Great for high liquid waste
- Large 41" x 58" Feed Opening
- 10 HP Submerged Power Unit
- Full Door Seal with "P" Seal
- Bubble Gate with Auto Relatch and Double-Hinge Door
- Qwik Clean® Tank
- CYCON Life-Xtender® Cyclic Control System
- Signature Series Warranty



WHY MARATHON IS THE PREFERRED CHOICE

Compare a Marathon RJ-250 with any other self-contained compactor on the market, and you'll quickly discover why Marathon is the preferred choice of discriminating buyers.

Components are selected for **longevity and minimum maintenance**, with special attention given to the selection of highly sensitive components. Stress engineering provides the optimum degree of structural integrity. Only the best materials are used. The highest standards of quality are observed in the manufacturing process. That's why you'll find Marathon Compactors "packing trash" long after other makes have failed!

The RJ-250 units are state-of-the-art in roll-off self-contained compactors featuring **oversized feed opening and expanded container storage capacity**. The RJ-250 Compactors are designed to store and transport your waste, prevent contamination of your work and public areas in accordance with public health department requirements, improve working conditions for your employees and reduce disposal costs.

Both the RJ-250SC and RJ-250HT Compactors **can be customized with a variety of loading arrangements** to suit your specific needs. 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. This eliminates the need for the additional space necessary for the time-consuming double "turn-around" maneuver required for conventional self-contained models.

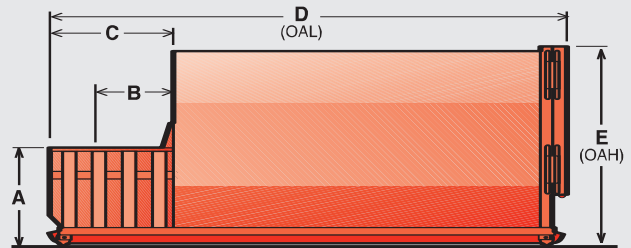
RJ-250SC/RJ-250HT FEATURES:

- Exclusive **41" x 58"** feed opening to handle large, bulky items!
- **Continuous feeding capability** – even while compactor is operating!
- Adaptable to special loading systems such as large capacity hoppers, security chutes or total enclosures.
- Total odor and pest control via Marathon's Ozone Odor Control option
- Easy loading from either ground or dock level.
- Over 24 tons of crushing force to reduce refuse to a fraction of its former size **saving valuable space**.
- Fits into same space as the pace-setting RJ-100SC Ultra! Extra length roll-off hoist is not required!
- Easy and fast installation! Installation costs are cut by half over conventional compaction systems.
- Fire hose connection provided on each unit.
- Factory testing to assure leakproof construction.
- **UL Listed.**
- Also available as **GreenBuilt®** featuring solar or 5 HP high efficiency power units and other environmentally friendly components.



Signature Series Warranty

Featuring 3 Years Structure
2 Years Components
6 Months Labor



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

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

Specifications:

Charge Box Capacity
[Mfrs. Rating]1.7 cu yd1.30 m³
[WASTEC Rating]1.31 cu yd1.00 m³
Clear Top Opening41"L x 58"W1041 mm x 1473 mm

Performance Characteristics:

Cycle Time33 s33 s
Total Normal Force39,900 lb177 kN
Total Maximum Force49,500 lb220 kN
Normal Ram Face Pressure27.1 psi189 kPa
Maximum Ram Face Pressure33.7 psi235 kPa
Ram Penetration6"152 mm

Electrical Equipment:

Submerged Power Unit
Electric Motor 3/60/230-46010 hp7.5 kW
Electric Control Voltage120 VAC120 VAC
Panel Box Assembly
UL RatedKey Operated
All Circuits Fused - 3 Push Button Station/Start/Stop/Reverse

Hydraulic Equipment:

Hydraulic Pump10 gpm38 L/min
Normal Pressure1850 psi128 bar
Maximum Pressure2300 psi159 bar
Hydraulic Cylinders (2) - Bore4"102 mm
- Rod2-1/2"64 mm

RJ-250SC	A	B	C	D**	E	LBS.
15 cu yds	4' - 0" 1219mm	3' - 7-1/4" 1099mm	5' - 7" 1702mm	14' - 3" 4343mm	7' - 5" 2261mm	8,860 4019kg
20 cu yds	4' - 0" 1219mm	3' - 7-1/4" 1099mm	5' - 7" 1702mm	17' - 4" 5283mm	7' - 5" 2261mm	9,520 4318kg
25 cu yds	4' - 0" 1219mm	3' - 7-1/4" 1099mm	5' - 7" 1702mm	17' - 10" 5436mm	8' - 8" 2642mm	10,030 4550kg
30 cu yds	4' - 0" 1219mm	3' - 7-1/4" 1099mm	5' - 7" 1702mm	20' - 5" 6223mm	8' - 8" 2642mm	10,620 4818kg
34 cu yds	4' - 0" 1219mm	3' - 7-1/4" 1099mm	5' - 7" 1702mm	22' - 5" 6833mm	8' - 8" 2642mm	11,130 5049kg
39 cu yds	4' - 0" 1219mm	3' - 7-1/4" 1099mm	5' - 7" 1702mm	24' - 11-1/2" 7607mm	8' - 8" 2642mm	11,790 5348kg
RJ-250HT	A	B	C	D**	E	LBS.
25 cu yds	4' - 1" 1245mm	3' - 7-1/4" 1099mm	5' - 7" 1702mm	20' - 9-1/2" 6337mm	8' - 6** 2591mm	11,104 4173kg
29 cu yds	4' - 1" 1245mm	3' - 7-1/4" 1099mm	5' - 7" 1702mm	23' - 1" 7036mm	8' - 6** 2591mm	11,604 5264kg

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

** Other lengths available. Call factory for details.



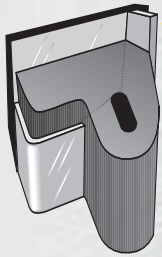
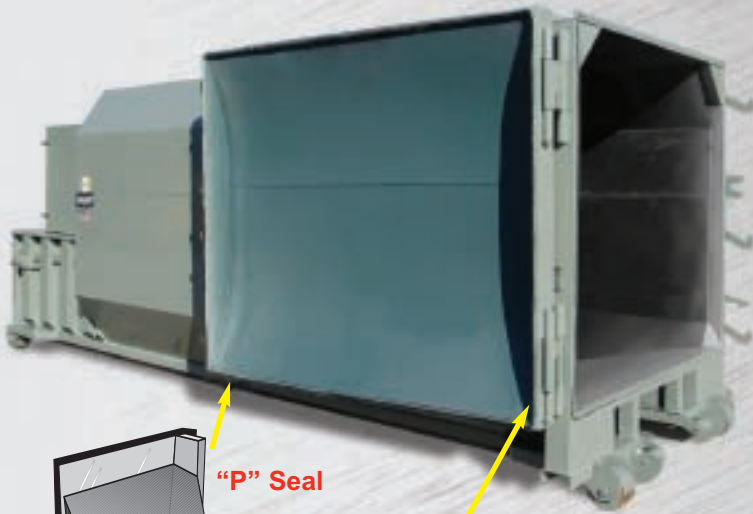
Marathon's Patented...

***CYCON Cyclic Control System**

Standard on all RJ-250SC and 250HT Compactors

- Reliable, solid state circuitry eliminating all pressure and limit switches
- Extended cylinder and hose wear life – guaranteed by CYCON's no-shock cycle control
- 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 allows the system to operate at minimum pressure levels except when actually packing solid waste
- More accurate Advanced Warning or Container Full options
- Dramatically improved cold weather performance

*U.S. Patent #4860646



"P" Seal

The "P" shaped Door Seal is specially

designed for portable compaction/ containers to provide a superior water tight closure. The mounting is engineered for quick and easy installation when replacement is necessary, requiring no field fitting, cutting or welding.

****Patented Double-Hinge with Bronze Bushing**

Every RJ-250SC is tested for water tightness before leaving the factory. Liquid retention is assured by the incredible **Double-Hinge!** It creates uniform seal compression while eliminating seal "scrubbing" and damage so often encountered with competitive designs. The **Double-Hinge** also saves expensive driver and truck time because only one easy-to-operate ratchet makes it work.

**U.S. Patent #4741455

Bubble Gate & Auto Relatch

The innovative "**Bubble Gate**" adds a full cubic yard to container capacity! Superior compaction ratios result from its special curved shape! These two unique benefits **reduce costs of disposal.**

The ultimate in latch systems, Marathon's "**Auto Relatch**" eliminates the need to hold door while operating the latch ratchet. The design allows operator to use both hands on the ratchet.



Superior to mounted power packs, the **Remote Submerged Power Pack** remains free of damage caused by jolting during transit to and from disposal site and problems caused by severe dust conditions found at the landfills. There are no electrical connections to "make" and "break" – two simple-to-use hydraulic quick disconnects couple power unit to packing head. The **Weather Cover** for the Remote Power Pack is standard, as is the **UL** and **CSA** rated **Power Box Assembly.**



The optional doghouse offers a totally enclosed charge box with extra large door opening (42"W x 40 5/8"H) and flush lockable latch.



The **Qwik Clean® Tank** feature, standard on all RJ-250SC and RJ-250HT Compactor/ Containers, 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, 750 gallon capacity **sump area** is designed to provide easier hook access for roll-off drivers.



RJ-250SC SERIES



Medical centers generally 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 Marathon Ozone Odor Control System which destroys odor-producing bacteria by molecular reaction! At this medical center installation, cardboard is the main material processed for the purpose of recycling with a customized dock application and a 48 gallon cart dumper system installed.



This RJ-250SC, located at a hospital, is fed by a tipper on the dock and a conveyor system. The conveyor directs shredded "red bag" waste from a Marathon medical waste handling system. The self-contained compactor effectively solves spillage and leakage problems associated with conventional stationary compactors and containers.



This major retailer is one of the first to adopt a "green" policy that included compaction equipment. This installation features a GreenBuilt RJ-100 SC with a Solar Power Unit with biodegradable hydraulic fluid and cushioned ground rollers.



Equipped with an integral ground level cart dumper system, this RJ-250SC is ideal for sprawling apartment complexes, shopping centers, parks, resorts and other applications where a centralized disposal system is needed. "Trainable" carts can be located in convenient locations throughout the facility and periodically towed to the compactor.

The compactor ram automatically retracts when cart is being lifted so that the full capacity of charge box is available for trash being dumped. Forks remain in "full dump" position for transit to and from landfill.

RJ-250SC

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Pictures in this literature are illustrative only. Specifications are subject to change without notice in order to accommodate improvements to the equipment. Certified in compliance with ANSI Regulation Z245.2, all OSHA standards, and certified under WASTEC's Stationary Compactor Certification Program. Products must be used with safe practice and in accordance with said regulations and standards.

