

# RAMJET RJ-225 Ultra<sup>®</sup> On-Site Compactor



## Cost Saving Value...

Marathon's RJ-225 Ultra<sup>®</sup> Stationary Compactor: highly efficient, economical compaction equipment for today's cost conscious waste generators. The RJ-225 Ultra provides the cost-saving benefits of solid waste compaction including labor reduction, fewer collection pick-ups, and space savings.

## Superior Design & Construction...

Marathon offers the first Side-Mounted Power unit in the industry. This design offers the convenience and ease-of-maintenance of a remote power pack along with the space savings of an integrated power pack. Other unique design features include:

- ▼ Configuration that eliminates ALL electrical components from the inside of the compactor.
- ▼ Operator accessible Reset Button for the Motor Starter to eliminate entry into the control box.
- ▼ Advanced, simplified Two Button Operation.
- ▼ Limit Switch attached to the outside of the compactor body for ease-of-maintenance and damage protection.

*The RJ-225 Ultra's Side-Mounted Power Unit shown without weather cover. Note the Limit Switch is also on the exterior of the compactor body.*



## Performance...

The RJ-225 Ultra compactor is fully automatic. Simply dump waste into the large 40 1/2" x 60" charge box opening and turn the key. After the compaction cycle completes, the unit shuts down automatically. Key operation gives the operator absolute control over compactor use, eliminating expensive sharing of waste receptacles.

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 the life and dramatically reducing compaction-robbing friction.

**Specifications:**

Charge Box Capacity  
 [Mfrs. Rating].....2.0 cy.....1.5 m<sup>3</sup>  
 Clear Top Opening .....40.5" X 60" .....1029mm x 1524mm  
 Capacity Per Hour.....100 cy.....76 m<sup>3</sup>

**Performance Characteristics:**

Cycle Time .....56 s .....56 s  
 Total Normal Force.....43,800 lb .....195 kN  
 Total Maximum Force.....52,300 lb .....233 kN  
 Normal Ram Face Pressure.....25.2 psi.....174 kPa  
 Maximum Ram Face Pressure.....30.1 psi.....207 kPa  
 Ram Penetration.....14" .....356 mm

**Electrical Equipment:**

Electrical Motor 3/60-208/230/460 ... 10 hp.....7.4 kW  
 Electrical Control Voltage.....120 VAC.....120 VAC  
 UL Labeled Panel Box: Type NEMA 3R, All Circuits Fused  
 Standard 2 Button Controls: Keylock Start/Mushroom Stop  
 Connected to 13' Sealtite

**Hydraulic Equipment:**

Hydraulic Pump Capacity .....13 gpm .....49 L/min.  
 Normal Pressure .....1550 psi.....105 bar  
 Maximum Pressure .....1850 psi.....125 bar  
 Hydraulic Cylinder Bore.....6" .....152 mm  
 Hydraulic Cylinder Rod.....2.5" .....64 mm

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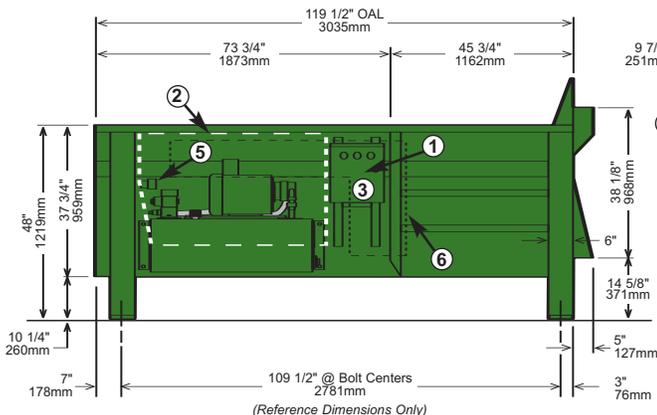
## RJ-225 Ultra<sup>®</sup>



▼ The RJ-225 Ultra features an advanced, simplified control system with 2 button operation. It is key-operated and fully automatic. The heavy duty push button controls are contained in a weather-proof NEMA 4 enclosure. Connected to the power pack with 13' of sealtite, the controls can be located for operator convenience.

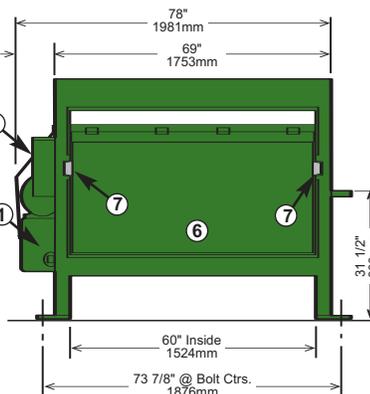
### Optional Features Available:

▼ The optional TrashMinder<sup>®</sup> is the most advanced method for reporting and measuring container fullness as well as for managing user access and billing. For a detailed description see Marathon's TrashMinder<sup>®</sup> brochure.



**Concrete Pad Requirements**

6" (152mm) Thick Reinforced 3000 PSI Concrete (4) 3/4" (20mm) Anchor Bolts (Min.)

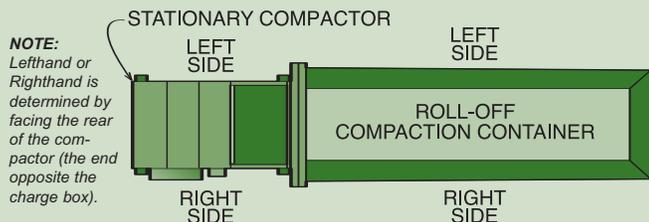


- ① Side-Mount Power Unit
- ② Power Unit Weather Cover
- ③ Motor Control Panel
- ④ Motor Starter Reset Button
- ⑤ Limit Switch
- ⑥ Ram
- ⑦ Ram Guide Shoes with Replaceable Wear Strips

- ▼ Multi-cycle timer, dual controls, ozone odor control system, hoppers and many other options are also available as well as a full line of compaction containers.
- ▼ Chutes can be constructed to meet your specifications and needs. They reduce the risk of pilferage of valuable merchandise or tools by eliminating a person's ability to hide items in the trash in order to recover them later from the waste receptacle.

Authorized Distributor:

**Top View of Typical Compactor & Container Configuration**



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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.

