

RJ-450 4 Cubic Yard Stationary Compactor



*Designed to
handle heavy-
duty waste
streams*

*Ideal for
small transfer
stations or
municipal
drop-off centers*

*Heavy-duty
design and
high-compaction
force yield
excellent volume
reduction with
MSW and light
C&D waste
streams*



RAMJET 
Stationary and self-contained compactors.



**Environmental
Solutions Group**

A DOVER COMPANY

Mini Transfer stations

Municipal recycling drop off enters

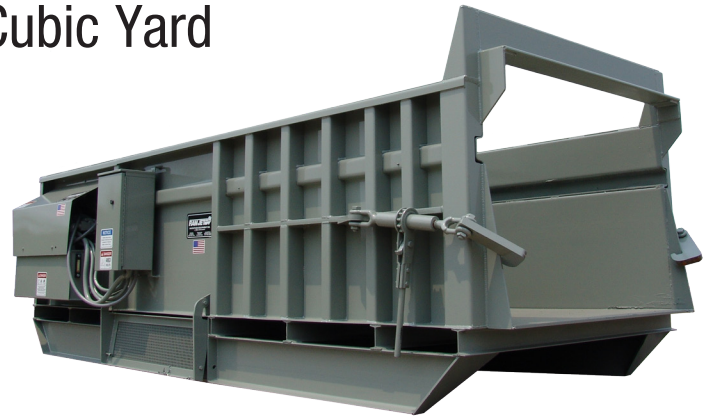
Large warehouses

Distribution centers

Manufacturing facilities

RJ-450 4 Cubic Yard Compactor

The RJ-450 compactor from Marathon features an extra-large 60-inch (1524mm) by 67 1/2-inch (1715mm) clear top opening that accepts large, bulky items with ease. Ruggedly built to meet the challenge, this unit packs a powerful 56,500 (25,628 kg)



pounds of crushing force. And, the RJ-450 is built for performance and reliability as only Marathon, the solid waste industry's specialist in on-site compaction systems, can provide.

Industrial Grade Systems

The RJ-450 features industrial-grade electrical and hydraulic systems that are UL and CUL Listed. This means trouble-free operation and top performance year after year. Marathon's side-mounted power unit combines the convenience and ease-of-maintenance that comes with a remote power pack with the space savings and ease-of-installation of an integrated power pack.

Cart Dumpers, Chutes, and Hoppers

The RJ-450 can be fitted with a variety of material handling equipment such as chutes, hoppers, and dumpers. The compactor shown is fitted with a side fed hopper and a ground level dumper. Cart dumpers can be custom built to your specifications to accommodate existing cart systems.



The RJ-450 features Marathon's side-mounted power unit. The power unit offers the convenience and ease-of-maintenance of a remote power pack with the space savings of an integrated power pack. The configuration also eliminates ALL electrical components from inside the compactor.



Images shown with optional equipment



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.

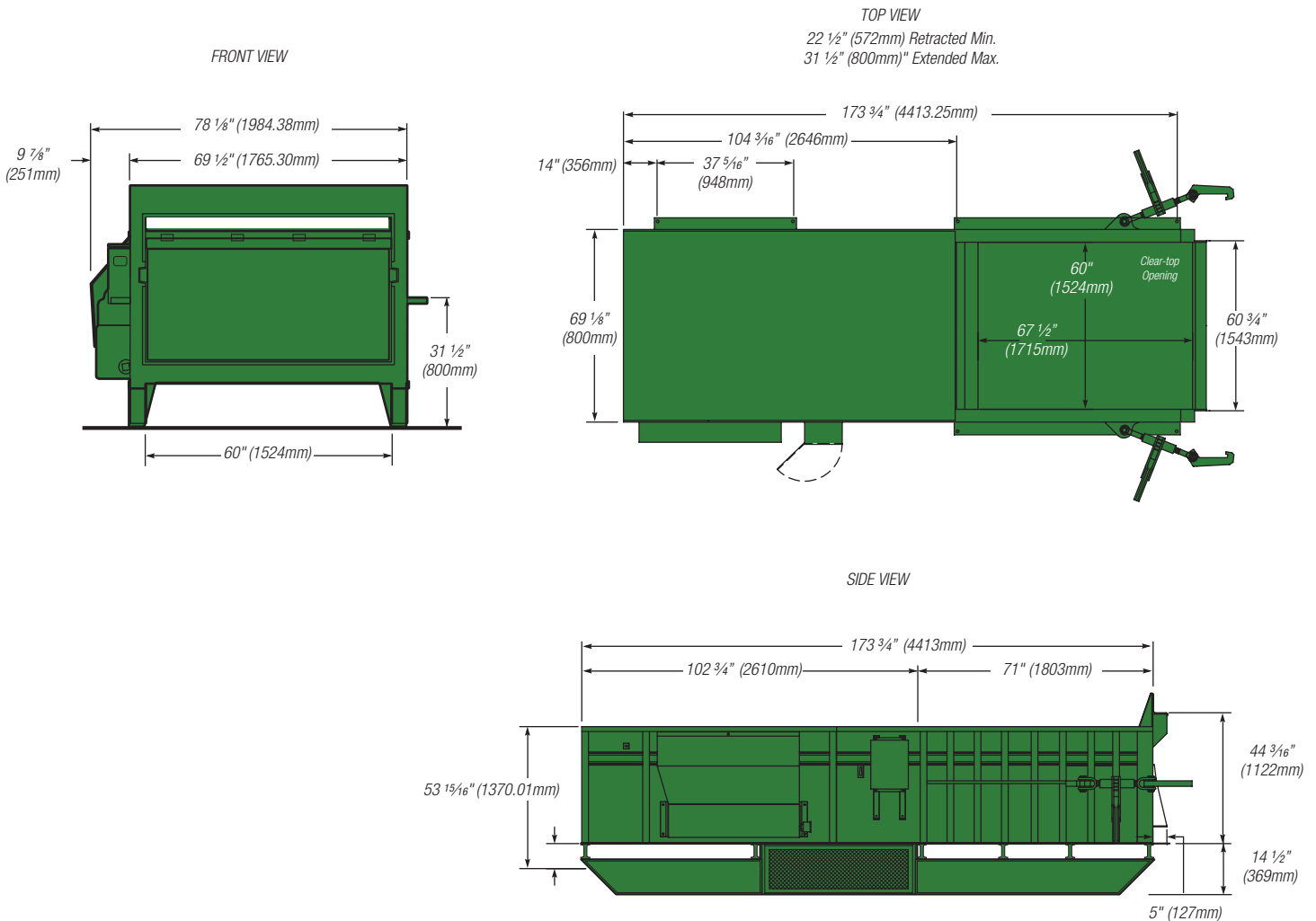
Control Station

The RJ-450 features an advanced, simplified 2-button control system. It is a key-operated, fully automatic and contained in a weatherproof NEMA 4 enclosure. Connected to the power pack with 13-foot (3.96m) of Sealtite®, the controls can be located for operator convenience.



Dimensions

RJ-450



RJ-450 Stationary Compactor

Dimensions and Specifications

Specifications	RJ-450	
Charge Box Capacity		
[Mfr. Rating]	4.0 cu yd	3.06 m ³
[NWRA Rating]	2.97 cu yd	2.27 m ³
Clear Top Opening	67 1/2"L x 60"W	1715mm x 1524mm
Performance Characteristics:		
Cycle Time	50 sec.	50 sec.
Total Normal Force	48,000 lbs.	214 kN
Total Maximum Force	56,500 lbs.	25,628 kg
Normal Ram Face Pressure	23.5 psi	162 kPa
Maximum Ram Face Pressure	27.7 psi	191 kPa
Ram Penetration	13"	330mm
Electrical Equipment:		
Electric Motor 3/60/230-460	15 hp	11.1kW
Electric Control Voltage	120 VAC	120VAC
UL® and CUL® Listed Panel Box: NEMA Type, All Circuits Fused		
3-Button Controls: Keylock Start, Stop, Reverse		
Hydraulic Equipment:		
Hydraulic Pump	18.5 gpm	38 L/min
Normal Pressure	1700 psi	117 bar
Maximum Pressure	2000 psi	138 bar
Hydraulic Cylinder - Bore	6"	152mm
Hydraulic Cylinder - Rod	4"	102mm
Weight	8,000 lbs.	3629 kg



You can add the Pandora Remote Monitoring System to many of our most popular compactors. For information about adding Pandora, please contact your Marathon salesperson.

Compactor Rental and Leasing Programs Available

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



Authorized Dealer:

MARATHON
A DOVER COMPANY

Marathon Equipment Company
P.O. Box 1798
Vernon, AL 35592-1798
800.633.8974
www.marathonequipment.com
NJPA Contract #060612-ESG

National Waste & Recycling Association
Collect. Recycle. Innovate.

ISRI
MEMBER

Environmental Solutions Group
A DOVER COMPANY
www.doveresg.com



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 standard Z245.2, applicable OSHA Regulations, and certified under WASTEC's Stationary Compactor Certification Program. Products must be used with safe practice and in accordance with said regulations and standards.