

RJ-325 & RJ-325HD Stationary Compactors

Dimensions and Specifications

Specifications:	RJ-325		RJ-325HD	
Charge Box Capacity				
[Mfr. Rating]	3.15 cu. yd.	2.41 m ³	3.15 cu. yd.	2.41 m ³
[NSWMA Rating]	2.55 cu. yd.	1.93 m ³	2.55 cu. yd.	1.93 m ³
Clear Top Opening (L x W)	67.5" x 60"	1715mm x 1524mm	67.5" x 59.5"	1715mm x 1511mm
Performance:				
Cycle Time	50 sec.	?	50 sec.	50 sec
Total Normal Force	46,700 lbs.	21,183 kg	46,700 lbs.	21,183 kg
Total Maximum Force	55,100 lbs.	24,993 kg	55,100 lbs.	24,993 kg
Normal Ram Face Pressure	26.8 psi	1.88 bar	27.1 psi	1.86 bar
Maximum Ram Face Pressure	31.7 psi	2.18 bar	31.9 psi	2.19 bar
Ram Penetration	13"	330mm	13"	330mm
Electrical Equipment:				
Electrical Motor 3/60-208/230/460	15 hp	11 kw	15 hp	11 kw
Electrical Control Voltage	120 VAC	120 VAC	120 VAC	120 VAC
UL® and CUL® Listed Panel Box: NEMA Type, All Circuits Fused				
2-Button Controls: Keylock Start/Stop				
Hydraulic Equipment:				
Pump Capacity	18.5 gpm	70 liters/min	18.5 gpm	70 liters/min
Normal Pressure	1,650 psi	114 bar	1,650 psi	114 bar
Maximum Pressure	1,950 psi	134 bar	1,950 psi	134 bar
Hydraulic Cylinder (Bore)	6"	152mm	6"	152mm
Hydraulic Cylinder (Rod)	4"	102mm	4"	102mm
Hydraulic Cylinder (Stroke)	82"	2083mm	82 in.	2083mm
Structural Characteristics:				
Charge Box Sides	1/4"	6.4mm	1/4"	6.4mm
Charge Box Floor	1/2"	12.7mm	1/2"	12.7mm
Ram Face Plate	1/2"	12.7mm	1/2"	12.7mm
Ram Face Size	60"-29"	1524mm-737mm	60"-29"	1524mm-737mm
Ram Bottom	3/8"	9.5mm	3/4"	18.1mm
Ram Top	3/8"	9.5mm	3/8"	9.5mm
Breaker Bar	8" x 6" x 3/4"	203mm x 152mm x 19mm	8" x 6" x 1"	203mm x 152mm x 25mm
Weight	6,700 lbs.	3038 kg	7,375 lbs.	3345 kg

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**.



Stationary and self-contained compactors.

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



Environmental Solutions Group
 A DOVER COMPANY
 www.doveresg.com



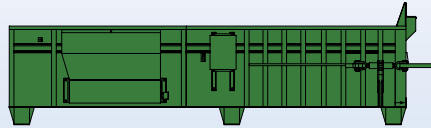
Pictures in this literature are illustrative only. Specifications are subject to change without notice in order to accommodate improvements to the equipment. Certified in compliance with ANSI standard Z245.2, applicable OSHA Regulations, and certified under WASTE's Stationary Compactor Certification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



You can add the Pandora Remote Monitoring System to many of our most popular compactors. Pandora enables you to measurably reduce your waste management costs. To find out more, contact your Marathon representative today.

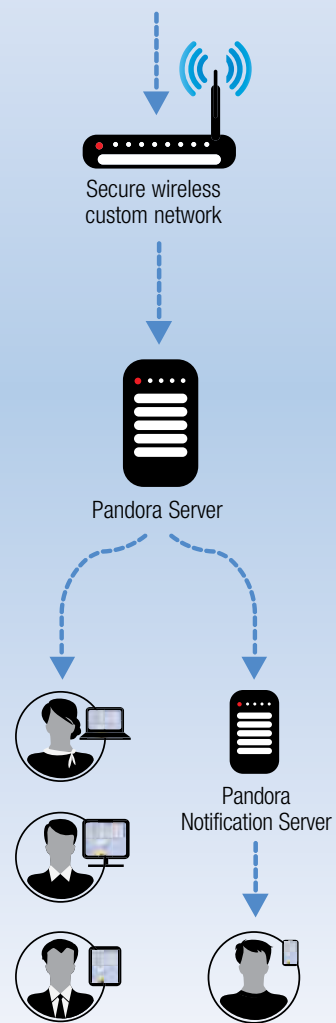
Pandora Platform Functionality

Optional on all RJ-325 and RJ-325HD Compactors



RJ-325

Compactor with PLC and wireless modem



- ✓ Pandora can display daily equipment status on a desktop or mobile PC, tablet, or smart phone
- ✓ Staff can login from any desktop or wireless device
- ✓ Pandora can send notifications to superintendent or directly to haulers



RJ-325 & RJ-325HD Stationary Compactors



RJ-325



RJ-325HD

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

User-friendly 48-inch (1219mm) deck height keeps installation costs down



Mini transfer stations

Municipal recycling drop off enters

Large warehouses

Distribution centers

Manufacturing facilities

RJ-325 Compactor

Marathon's Ramjet RJ-325 is a proven workhorse with excellent capability ensuring top performance in heavy commercial and industrial applications. The RJ-325 is unique to other compactors in its class, providing a large 60-inch wide by 67 1/2-inch (1715mm) clear top opening and a 33-inch (838mm) deep charge box—a feature peak loading times or when compacting bulky items.



Engineered for Durability

The RJ-325 is stress engineered for durability. That means the strength is where it belongs—like the 1/2-inch (12.7mm) charge box floor reinforced with seven heavy-duty steel channels, 1/2-inch (12.7mm) steel plate ram face backed with 10-inch (254mm) structural channels and extra-rugged reinforced sides.

RJ-325HD Heavy-Duty Compactor

The large 59 1/2-inch (1511mm) wide by 67 1/2-inch (1715mm) long clear top opening and superior strength of the RJ-325HD make it just right for large volumes or crates, skids, and other hard-to-compact industrial refuse and trash. Waste is crushed to a fraction of the original bulk.



The RJ-325 and RJ-325HD comes standard with a side mount power unit. This provides the convenience and ease-of-maintenance of a remote power pack with the space savings of an integrated power unit.

Heavy-Duty Design

Marathon's RJ-325HD is engineered with extra steel to meet the demands of heavy-duty industrial use. Cylinder supports, a 1-inch (25.4mm) thick breaker bar, a 3/8-inch (9.52mm) ram top, and extra side supports are added for superior endurance. Also standard on the RJ-325HD are 1/4-inch (6.35mm) thick steel charge box liners and a 1/2-inch (12.7mm) thick abrasion-resistant steel plate on the charge box floor.

Cart Dumpers, Chutes, and Hoppers

The RJ-325 and RJ-325HD 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.



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.

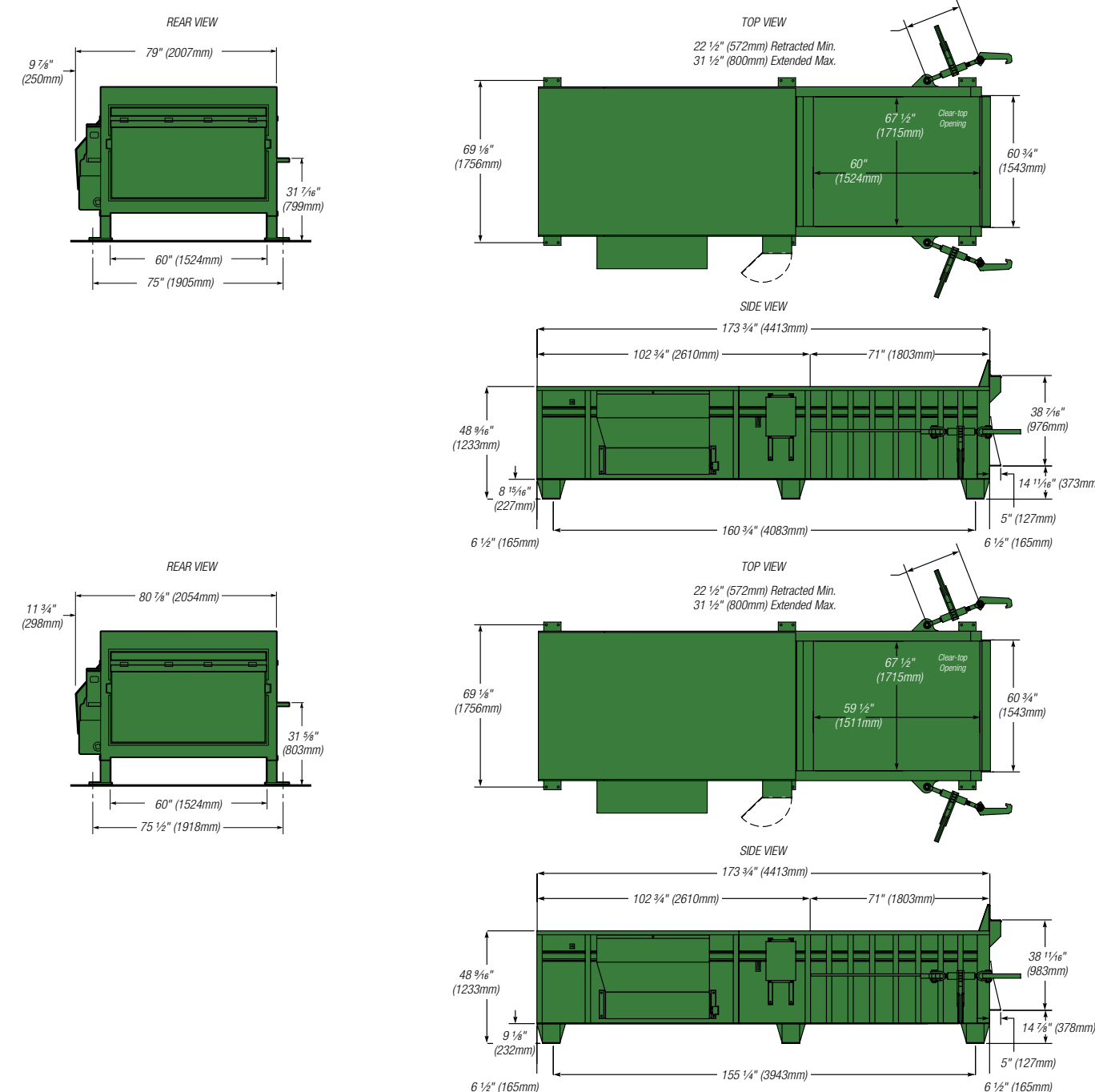
Control Station

The RJ-325 and RJ-325HD feature 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-325 and RJ-325HD



Pandora Remote Monitoring System

The revolutionary Pandora Remote Monitoring System from Marathon enables you to monitor your compaction and baling equipment remotely, right from your desktop or mobile device using integrated wireless communications. The Pandora system combines onsite factory built-in or external add-on hardware with an industry-leading software platform – Pandora Intelligent Networks™ - to give you, real-time compactor and baler data, 24 hours per day, seven days per week.

Pandora gives you the tools to optimize your equipment and measurably reduce your waste management costs. You can eliminate unnecessary pickups, service your equipment to prevent downtime, and substantially reduce your overall carbon footprint.

View the Compactor

- ✓ Check performance
- ✓ Monitor fullness
- ✓ Identify misuse

Manage the Network

- ✓ Automate the scheduling of pickups and service calls
- ✓ Track performance trends
- ✓ Identify and address areas of inefficiency

Stay Connected

- ✓ Receive email or text alerts on your mobile device
- ✓ Communicate important decisions from any location
- ✓ Automatically escalate missed pickups or service call notifications

Repairs

- ✓ Schedule service before costly breakdowns
- ✓ Keep equipment operating at peak efficiency
- ✓ Receive malfunction and online alerts
- ✓ Reduce service and replacement costs

Metrics

- ✓ Create a custom dashboard to view equipment data and analyze operating trends
- ✓ Identify ways to enhance performance

Pickups

- ✓ Automatically notify the hauler when compactors reach their desired fullness level
- ✓ Pay only for necessary pickups