

# RJ-550 Stationary Compactor

## Dimensions and Specifications

Specifications	RJ-550	
<b>Charge Box Capacity</b>		
[Mfr. Rating]	5.5 cu yd	4.21 m <sup>3</sup>
[WASTEC Rating]	4.22 cu yd	3.23 m <sup>3</sup>
<b>Clear Top Opening</b>	97"L x 60"W	2464mm x 1524mm
<b>Performance Characteristics:</b>		
<b>Cycle Time</b>	60 sec.	60 sec.
<b>Total Normal Force</b>	65,400 lbs.	29,665 kg
<b>Total Maximum Force</b>	77,000 lbs.	34,927 kg
<b>Normal Ram Face Pressure</b>	32.5 psi	2.21 bar
<b>Maximum Ram Face Pressure</b>	38.3 psi	2.61 bar
<b>Ram Penetration</b>	13.5"	343mm
<b>Electrical Equipment:</b>		
<b>Electric Motor 3/60/230-460</b>	15 hp	11.1kW
<b>Electric Control Voltage</b>	120 VAC	120VAC
<b>UL® and CUL® Listed Panel Box:</b> NEMA Type, All Circuits Fused		
<b>2-Button Controls:</b> Keylock Start/Stop		
<b>Hydraulic Equipment:</b>		
<b>Hydraulic Pump</b>	18.5 gpm	70 L/min
<b>Normal Pressure</b>	1700 psi	117 bar
<b>Maximum Pressure</b>	2000 psi	138 bar
<b>Hydraulic Cylinders - Bore</b>	7"	178mm
<b>Hydraulic Cylinders - Rod</b>	4"	102mm
<b>Weight</b>	10,500 lbs.	4762 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](http://www.marathonequipment.com)  
 NJPA Contract #060612-ESG



**Environmental Solutions Group**  
 A DOVER COMPANY  
[www.doveresg.com](http://www.doveresg.com)



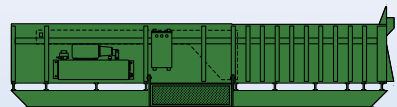
Pictures in this literature are illustrative only. Specifications are subject to change without notice in order to accommodate improvements to the equipment. Certified in compliance with ANSI standard Z245.2, applicable OSHA Regulations, and certified under WASTEC's Stationary Compactor Certification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



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.

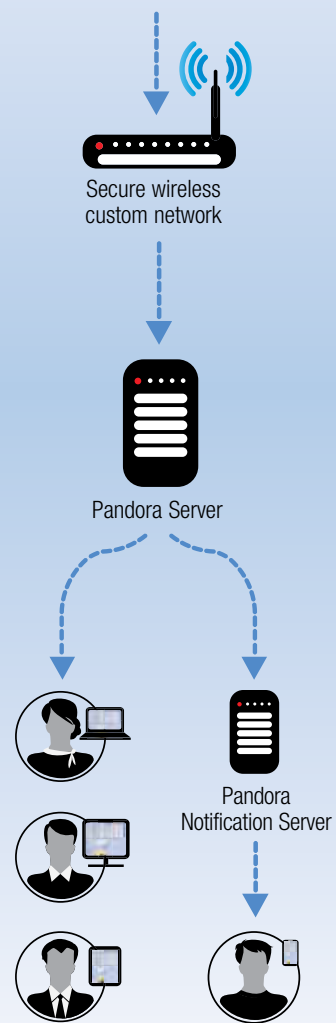
### Pandora Platform Functionality

Optional on all RJ-550 Compactor



RJ-550

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-550 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*



*Transfer stations*

*Municipal recycling drop off enters*

*Large warehouses*

*Distribution centers*

*Manufacturing facilities*

## RJ-550 Compactor

Marathon's Ramjet RJ-550 compactor is a real workhorse! Its proven capability assures top performance in heavy commercial and industrial applications. The RJ-550 is unique to other compactors in its class, offering a large 60-inch (1524mm) wide by 97-inch (2464mm) long clear top opening and a 39-inch (991mm) deep charge box—a handy feature during peak loading times or when compacting bulky items.



### Engineered for Durability

The RJ-550 is a high-capacity, heavy-duty compactor ideal for industrial and commercial applications where large volumes of solid waste generated. Its rugged construction and large hydraulic power unit allow maximum compaction performance. The RJ-550 features a large 97-inch (2464mm) by 60-inch (1524mm) clear top opening to accommodate oversized crates and cartons.

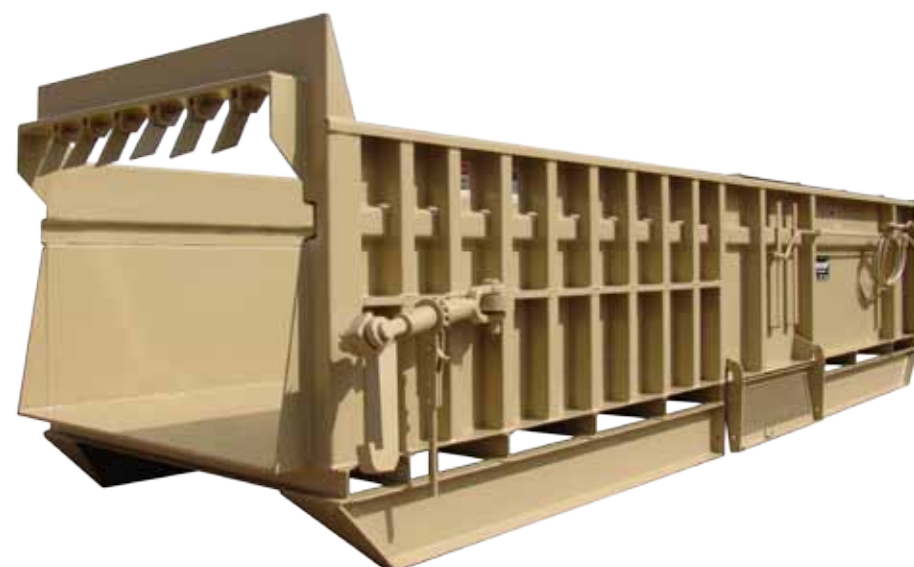
A quality built unit, the RJ-550 is solidly reinforced with 4-inch I-beams throughout. The sturdy ram has a 1/2-inch (12.7mm) face plate. The sides are constructed of 1/4-inch (6.35mm) thick steel supported by 14 vertical angles with 1-inch (25.4mm) by 4-inch (101.6mm) bar running horizontally on each side of the charge box area for increased rigidity and strength. The tough 1-inch (25.4mm) by 8-inch (203.2mm) by 6-inch (152.4) angle breaker bar easily handles the beating of daily industrial trash.

### Transfer Station Applications

The RJ-550 is also designed for residential collection vehicles serving transfer station applications for municipalities and private contractors. A conveniently located RJ-550 transfer facility will eliminate the need for unnecessary trips to the landfill by intermediate collection vehicles resulting in fuel, maintenance, and labor cost reductions. Compaction into large compaction containers or transfer trailers may also reduce dumping fees.



The RJ-550 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.



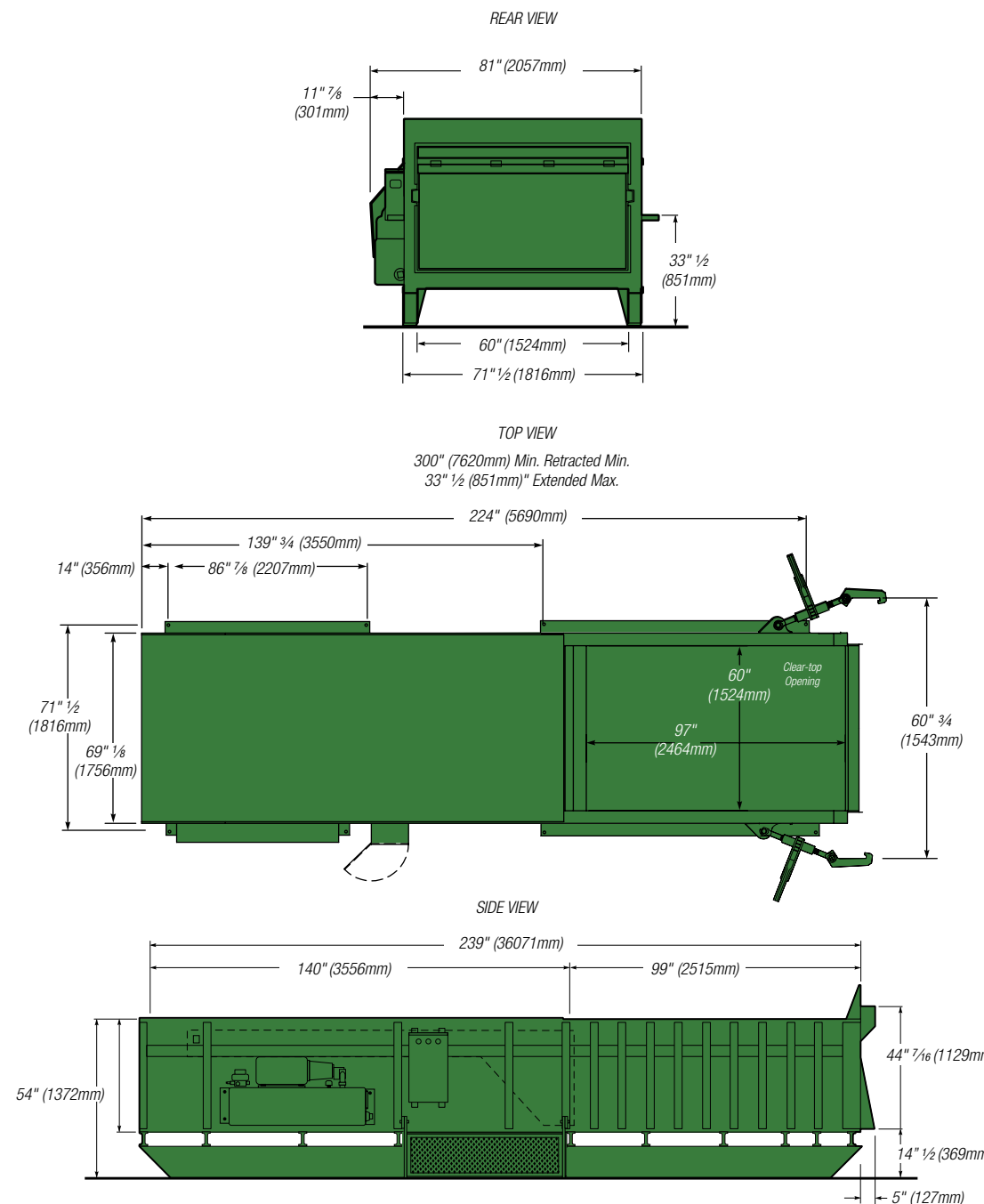
Images shown with optional equipment

### Cart Dumpers, Chutes, and Hoppers

The RJ-550 can be fitted with a variety of material handling equipment such as chutes, hoppers, and dumpers. The RJ-550 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.



### Dimensions RJ-550



## 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