

RJ-575HD Heavy-Duty Stationary Compactor

Dimensions and Specifications

Specifications	RJ-575HD	
Charge Box Capacity		
[Mfr. Rating]	5.5 cu yd	4.21 m ³
[WASTEC Rating]	4.23 cu yd	3.23 m ³
Clear Top Opening	95"L x 59.5"W	2413mm x 1511mm
Performance Characteristics:		
Cycle Time	36 sec.	36 sec.
Total Normal Force	84,700 lbs.	38,420 kg
Total Maximum Force	96,200 lbs.	43,636 kg
Normal Ram Face Pressure	41.9 psi	2.85 bar
Maximum Ram Face Pressure	47.6 psi	3.24 bar
Ram Penetration	14"	356mm
Electrical Equipment:		
Electric Motor 3/60/230-460	30 hp	22kW
Electric Control Voltage	120 VAC	120VAC
UL® and CUL® Listed Panel Box: NEMA Type, All Circuits Fused		
2-Button Controls: Keylock Start/Stop		
Hydraulic Equipment:		
Hydraulic Pump	52 gpm	197 L/min
Normal Pressure	2200 psi	152 bar
Maximum Pressure	2500 psi	172 bar
Hydraulic Cylinders - Bore	7"	178mm
Hydraulic Cylinders - Rod	4"	102mm
Weight	12,600 lbs.	5715 kg

NOTE: Due to the high forces of the RJ-575HD, extra heavy-duty model compaction containers are required.

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



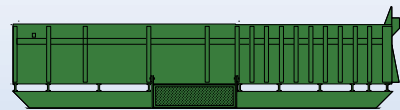
Pictures in this literature are illustrative only. Specifications are subject to change without notice in order to accommodate improvements to the equipment. Certified in compliance with ANSI standard Z245.2, applicable OSHA Regulations, and certified under WASTEC's Stationary Compactor Certification 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.

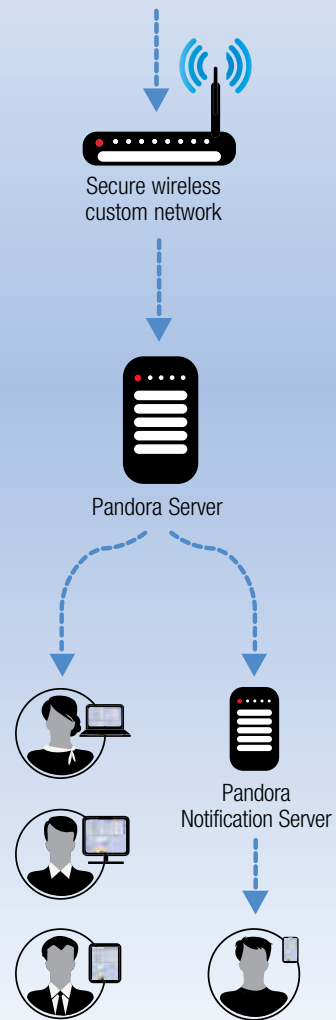
Pandora Platform Functionality

Optional on all RJ-575HD Compactor



RJ-575HD

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-575HD 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



Shown with optional tongue and groove floor, sides, and hinged breaker bar teeth



- Transfer stations
- Municipal recycling drop off enters
- Large warehouses
- Distribution centers
- Manufacturing facilities

RJ-575HD Heavy-Duty 5.5 Cubic Yard Compactor

Marathon's Ramjet RJ-575HD compactor is a high capacity, heavy-duty compactor ideal for industrial and commercial applications where large volumes of solid waste are generated. Its rugged construction and large hydraulic power unit allow maximum compaction performance.

The RJ-575HD features a large 95-inch (2413mm) by 59 1/2-inch (1511.3mm) clear top opening to accommodate oversized crates and cartons.



Engineered for Durability

The high-capacity 5.5 cubic yard RJ-575HD is ideal for heavy industrial applications. The large hydraulic power unit and oversized clear top opening make it well suited for high volumes of pallets, crates, and other bulky solid wastes. The heavy-duty construction of the RJ-575HD features:

- ✓ 4-inch (101.6mm) I-beam reinforcement throughout
- ✓ Heavy-duty ram with 3/4-inch (19.05mm) steel face plate and 3/8-inch (9.53mm) top
- ✓ Cast iron ram guides for extended floor life
- ✓ Sides constructed from 1/4-inch (6.35mm) thick steel with 3/8-inch (9.53mm) liner plates
- ✓ 4-inch (101.6mm) by 5-inch (127mm) boxed channel vertical side supports
- ✓ Hefty 6-inch (152.4mm) by 8-inch (203.2mm) by 3/4-inch (19.05mm) angle breaker bar with 1-inch (25.4mm) by 12-inch (304.8mm) steel plate reinforcement that easily handles the beating of daily industrial trash.

Cart Dumpers, Chutes, and Hoppers

The RJ-575HD can be fitted with a variety of material handling equipment such as chutes, hoppers, and dumpers. The RJ-575HD 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

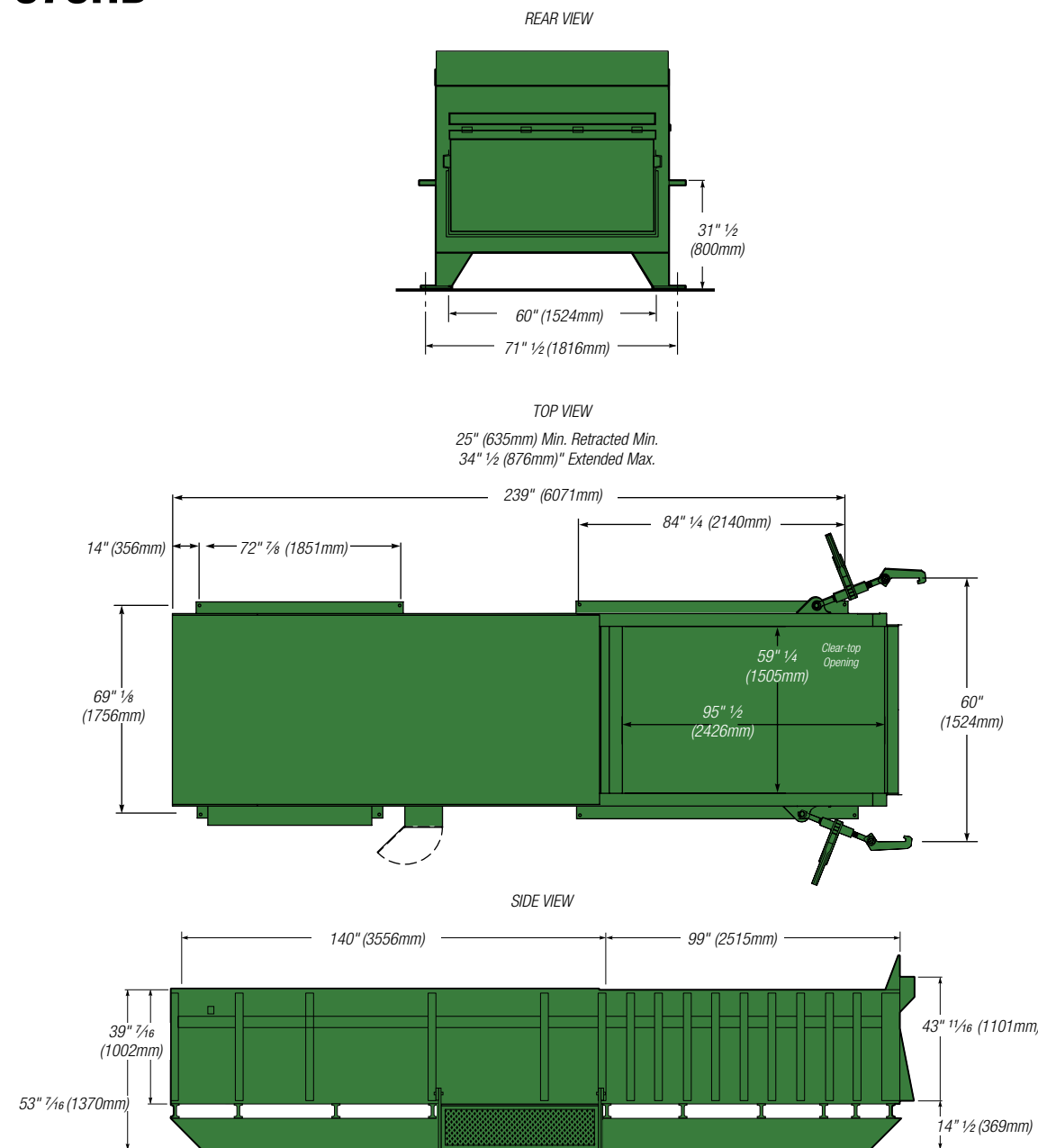
Transfer Station Applications

The RJ-575HD is designed for transfer station applications for municipalities and private contractors. A conveniently located RJ-575HD transfer facility will eliminate the need for unnecessary trips to the landfill by intermediate collection vehicles resulting in fuel, maintenance, and labor cost reductions. Compacting into large compaction containers or transfer trailers could also help to further reduce dumping fees.



Dimensions

RJ-575HD



The RJ-575HD features a high-performance remote power unit with a UL and CUL Listed panel box, 30 HP motor, and an external motore starter reset button.



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