

STATIONARY COMPACTORS

RJ-575HD

Stationary Compactor



RJ-575HD Features

- ▼ *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 limited amounts of C&D waste streams*
- ▼ *Large hydraulic power unit allows for maximum compactor performance*
- ▼ *Large 95" x 59 1/2" clear top opening accommodates oversized crates and cartons*

The Worldwide Compaction Leader

Marathon® Equipment is known throughout the world as one of the leading manufacturers of quality on-site waste compaction products. The RamJet® brand has been the industry standard for quality and innovation for more than 50 years, and includes stationary and self-contained compactors, compaction containers, apartment and high-rise compactors, pre-crushers, auger-style compactors, transfer systems, and a wide array of options for virtually any application.



**Environmental
Solutions Group®**

A DOVER COMPANY

RJ-575HD Compactor

Overview

Perfect for:



Transfer Stations



Municipal Recycling
Drop-Off Centers



Large Warehouses



Distribution Centers



Manufacturing Facilities



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-575HD features an advanced, simplified three-button control system. It is key-operated, fully automatic, and contained in a weatherproof NEMA 4 enclosure. Connected to the power pack with 13' of conduit, the controls can be located for operator convenience.

Why Marathon® Equipment Is the Preferred Choice

Marathon brand components are selected for longevity and minimum maintenance, with special attention given to the selection of high duty-cycle components. Stress engineering provides the optimum degree of structural integrity. Only the best materials are used and the highest standards of quality are observed in the manufacturing process.

The **Marathon** 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" by 59 1/2" 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" I-beam reinforcement throughout
- ▼ Heavy-duty ram with 3/4" steel face plate and 3/8" top
- ▼ Cast-iron ram guides for extended floor life
- ▼ Sides constructed from 1/4" thick steel with 3/8" liner plates
- ▼ 4" by 5" boxed channel vertical side supports
- ▼ Hefty 6" by 8" by 3/4" angle breaker bar with 1" by 12" steel plate reinforcement that easily handles the beating of daily industrial trash.
- ▼ 96,000 lbs. maximum compaction force



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

WASTE COMPACTORS



RJ-575HD Heavy-Duty Compactor

Features & Specifications

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.

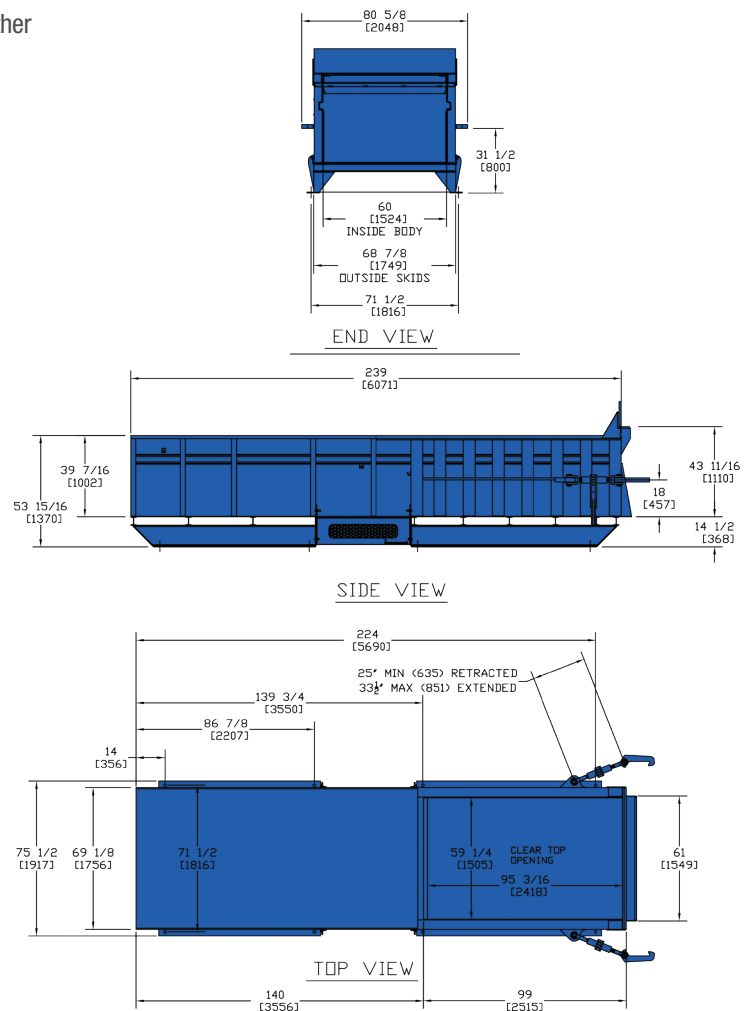
Transfer Station Applications

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 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 & Specifications

Specifications	RJ-575HD	
Clear Top Opening (L x W)	95" x 59 1/2"	2413mm x 1511mm
Compactor Capacity	4.23 yd ³	3.24 m ³
Ram-Face Size (W x H)	59" x 34 1/2"	1499mm x 876mm
Compactor Weight	12,600 lbs.	5715 kg
Performance Characteristics		
Cycle Time	36 sec.	
Total Normal Force	84,600 lbs.	376 kN
Total Maximum Force	96,200 lbs.	428 kN
Normal Ram-Face Pressure	41.6 psi	287 kPa
Maximum Ram-Face Pressure	47.3 psi	326 kPa
Ram Penetration	13 1/2"	343mm
Electrical Equipment		
Electric Motor 3/60/208/230/460/575	30 hp	22 kW
Electric Control Voltage	120 VAC	
Standard Controls Include	Three-Push Button Station Keylock Start/Stop/Reverse	
Hydraulic Equipment		
Hydraulic Pump	52 gpm	197 L/min
Normal Pressure	2,200 psi	152 bar
Maximum Pressure	2,500 psi	172 bar
Switch Pressure	2,200 psi	152 bar
Hydraulic Cylinder(s)	1	
Bore	7"	178mm
Rod	4"	102mm
Stroke	112"	2845mm



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

Pictures and mechanical diagrams in this literature are illustrative only and may not be to scale. Specifications are subject to change without notice in order to accommodate improvements to the equipment. Certified in compliance with ANSI standard Z245.2 and all applicable OSHA Regulations. Products must be used only by trained operators in accordance with the Operator Manual, as well as applicable regulations, laws, and ANSI standards.



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