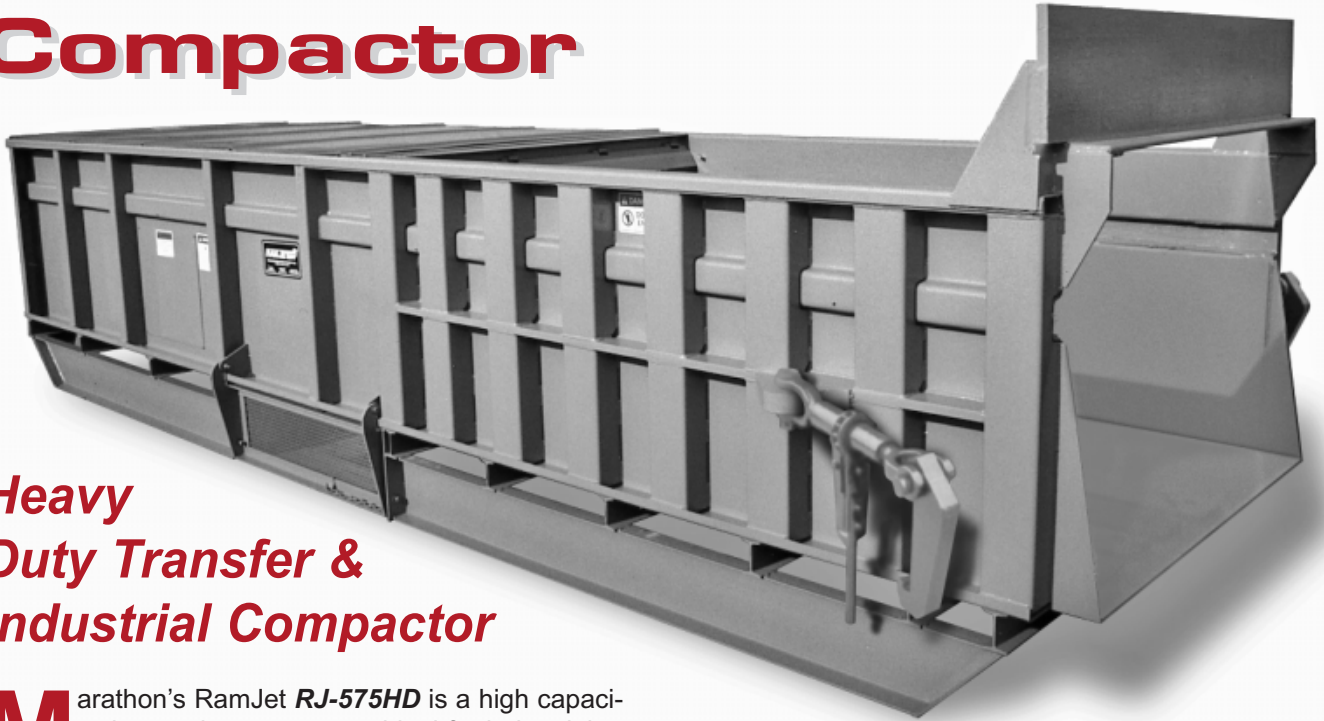


RAMJET RJ-575HD

5.5 Cubic Yard Capacity Transfer & Industrial Compactor



Heavy Duty Transfer & Industrial Compactor

Marathon's RamJet **RJ-575HD** 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" x 59 1/2" clear top opening to accommodate oversized crates and cartons.

Transfer Station...

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 may also reduce dumping fees.

Industrial...

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.

Built to Last...

The heavy duty construction of the **RJ-575HD** features:

- ▼ 4" I-beams reinforcement throughout
- ▼ Heavy duty ram with 3/4" face plate & 3/8" top
- ▼ Cast iron ram guides for extended floor life
- ▼ Sides are constructed of 1/4" thick steel with 3/8" liner plates
- ▼ 4"x5" boxed channel vertical side supports
- ▼ Hefty 6"x 8"x 3/4" angle breaker bar with 1"x12" steel plate reinforcement that easily handles the beating of daily industrial trash.



This manufacturing facility utilizes a conveyor and a custom chute system to feed two, RJ-575HD Compactors with reinforced compaction containers.

Specifications:

Charge Box Capacity
 [Mfrs. Rating].....5.5 cy.....4.21 m³
 [WASTEC Rating]4.23 cy.....3.23 m³
 Clear Top Opening95" X 59.5".....2413mm x 1511mm

Performance Characteristics:

Cycle Time36 s36 s
 Total Normal Force.....84,700 lb377 kN
 Total Maximum Force.....96,200 lb428 kN
 Normal Ram Face Pressure.....41.9 psi.....289 kPa
 Maximum Ram Face Pressure.....47.6 psi.....328 kPa
 Ram Penetration.....14".....356 mm

Electrical Equipment:

Electrical Motor
 3/60-208/230/460.....30 hp.....22 kW
 Electrical Control Voltage.....120 VAC.....120 VAC
 UL Labeled Panel Box: Type NEMA, All Circuits Fused
 Standard Controls: Keylock Start/ Mushroom Stop/Reverse
 Connected to 13' Sealtite

Hydraulic Equipment:

Hydraulic Pump Capacity52.0 gpm197 L/min.
 Normal Pressure2200 psi.....152 bar
 Maximum Pressure2500 psi.....172 bar
 Hydraulic Cylinder.....7" Bore x 4" Rod178 mm x 102 mm
Weight.....12,600 lbs.5715 kg

RAMJET

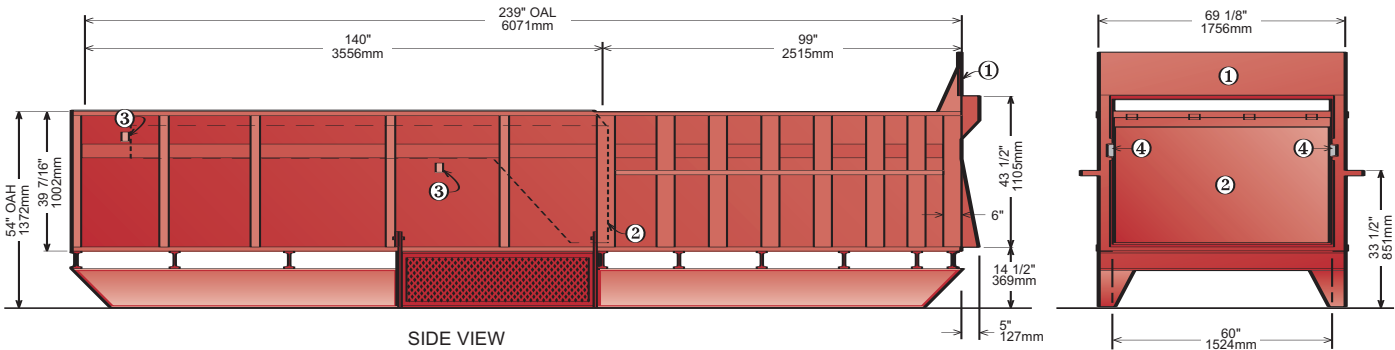
RJ-575HD



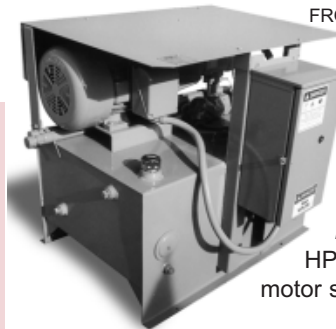
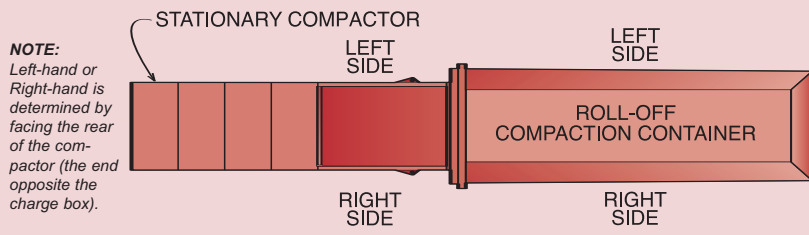
The **RJ-575HD** can be fitted with a variety of material handling equipment such as chutes and cart dumpers. Cart dumpers can be custom built to your specifications to accommodate existing cart systems. Marathon's RJ-575HD is built tough to handle industrial applications and provide years of dependable service.

- ① Heavy-duty Breaker Bar
- ② Ram
- ③ Limit Switches
- ④ Ram Guide Shoes with Replaceable Wear Strips

Note: Due to the high forces of the RJ-575HD, extra heavy-duty (XHD) model compaction containers are required



Top View of Typical Compactor & Container Configuration



The **RJ-575HD** features a high performance Remote Power Unit with a **UL Listed** panel box, 30 HP motor and external motor starter reset button.

Authorized Distributor:



MARATHON EQUIPMENT COMPANY

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 130 Hwy. 339 • Yerington, NV 89447 USA • (775) 463-4030 fax (775) 463-4531 **1-800-624-5724**
 1102 Industrial Park Rd. • Clearfield, PA 16830 USA • (814) 765-0200 fax (814) 765-2072 **1-800-922-7062**

Visit our web site: www.MarathonEquipment.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 Regulation Z245.2, all OSHA standards, and certified under WASTEC's Stationary Compactor Certification Program. Products must be used with safe practice and in accordance with said regulations and standards.

