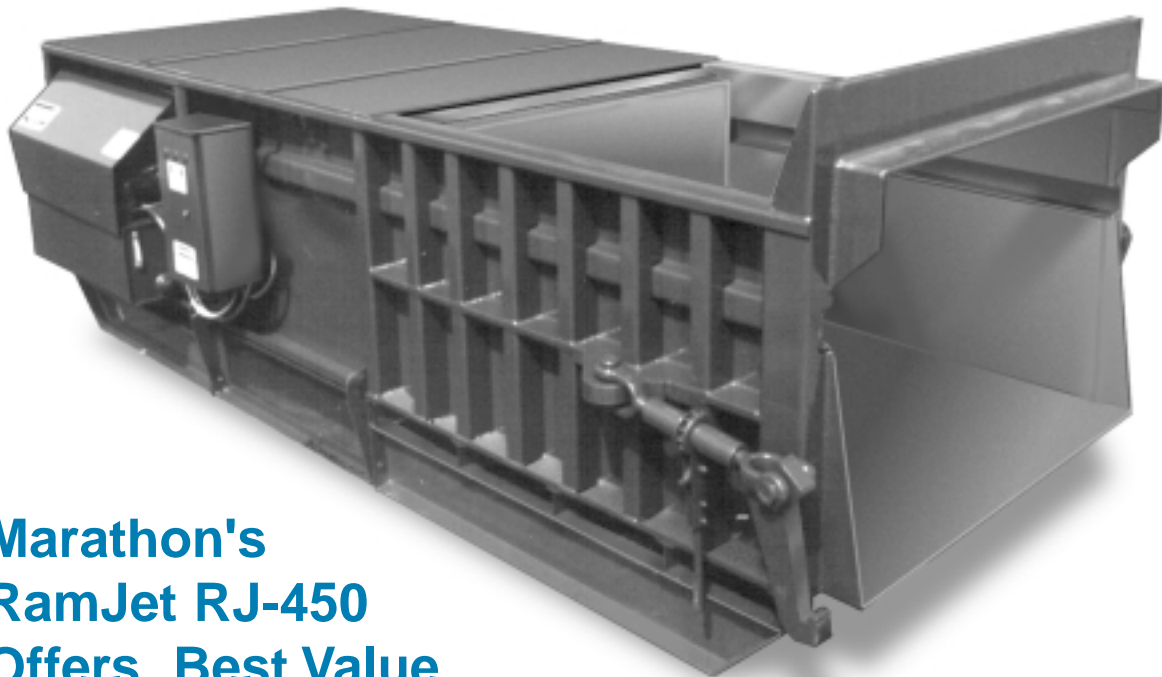


RAMJET **RJ-450** **4 Cubic Yard Capacity** **ON-SITE COMPACTOR**



Totally

Listed!

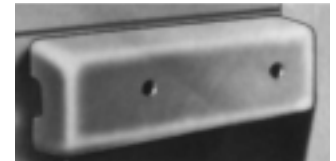
Marathon's **RamJet RJ-450** **Offers Best Value**

The RamJet **RJ-450** is excellent for distribution centers, warehouses, and general industrial use. The extra large 60" x 67 1/2" clear top opening accepts those large, bulky items with ease. Ruggedly built to meet the challenge, this unit packs a powerful 56,500 pounds of crushing force. And, the RJ-450 is built for performance and reliability as only Marathon, the solid waste industry's specialist in on-site compaction systems, can provide.

Industrial Grade Systems

The **RJ-450** features industrial grade electrical and hydraulic systems that are totally UL Listed! This means trouble free operation and top performance year after year. Marathon's side-mounted power unit combines the convenience and ease-of-maintenance that comes with a remote power pack with the space savings and ease-of-installation of an integrated power pack.

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.



Compactors can be fitted with custom hoppers, tread plates, hand & toe rails, security chutes, cart dumpers and other optional equipment.

Specifications:

Charge Box Capacity
 [Mfrs. Rating]4.0 cy3.06 m³
 [WASTEC Rating].....2.95 cy2.25 m³
 Clear Top Opening67 1/2 L" X 60" W.....1715mm x 1524mm

Performance Characteristics:

Cycle Time50 s50 s
 Total Normal Force.....48,100 lb214 kN
 Total Maximum Force.....56,500 lb251 kN
 Normal Ram Face Pressure.....23.9 psi165 kPa
 Maximum Ram Face Pressure.....28.1 psi194 kPa
 Ram Penetration13"330 mm

Electrical Equipment:

Electrical Motor 3/60-208/230/460...15 hp.....11.1 kW
 Electrical Control Voltage120 VAC120 VAC
 UL Labeled Panel Box: Type NEMA 3, All Circuits Fused
 Standard Controls: Keylock Start/ Mushroom Stop/Reverse
 Connected to 13' (3962mm) Sealtite

Hydraulic Equipment:

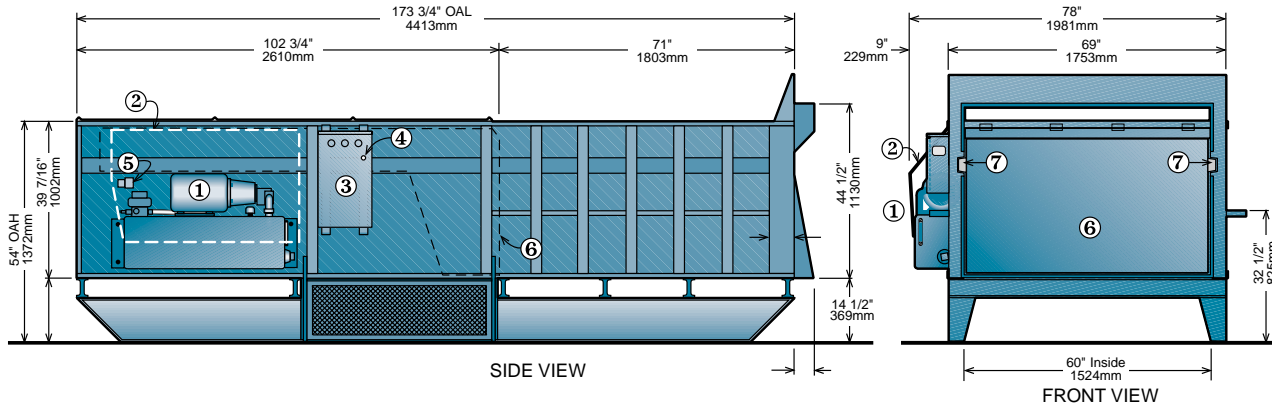
Hydraulic Pump Capacity.....18.5 gpm70 L/min.
 Normal Pressure1700 psi117 bar
 Maximum Pressure2000 psi138 bar
 Hydraulic Cylinder - Bore.....6"152 mm
 Hydraulic Cylinder - Rod.....4"102 mm

Weight.....8000 lbs.3629 kg

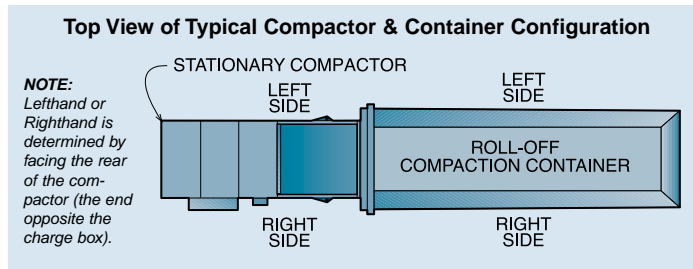


▼ The **Pump** on Marathon's high performance **Side-Mounted Power Unit** is secured to a "C" flange motor with a machined bracket that guarantees coupling alignment. The **Limit Switch** (arrow) and all other parts of the power unit are easily accessible for ease-of-maintenance. The **Reset Button** for the Motor Starter is also located on the outside which eliminates entry into the control box.

▼ The RJ-450 is totally UL listed! The controls are key-operated and fully automatic. The heavy duty push button controls are contained in a weatherproof NEMA 13 enclosure. Connected to the power pack with 13' of sealtite, the controls can be located for operator convenience.



- ① Side-Mount Power Unit
- ② Power Unit Weather Cover
- ③ Control Panel Box
- ④ Motor Starter Reset Button
- ⑤ Limit Switch
- ⑥ Ram
- ⑦ Ram Guide Shoes with Replaceable Wear Strips



Concrete Pad Requirements
 6" (153mm) Thick Reinforced 3000 PSI Concrete, (4) 3/4" (20mm) Anchor Bolts (Min.)



AUTHORIZED DEALER:

1042 E. Fort Union #260
 Midvale, UT. 84047
 Ph. 801-565-1033
 fax 280-565-1044

Action Compaction Equipment www.actioncompaction.com



ENVIRONMENTAL INDUSTRY ASSOCIATION

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.