

RAMJET **RJ-400 VL** **3 Cubic Yard Capacity** **Stationary Compactor**

Totally

Listed!



Hi-Performance Compactor for Commercial & Medium Industrial Applications

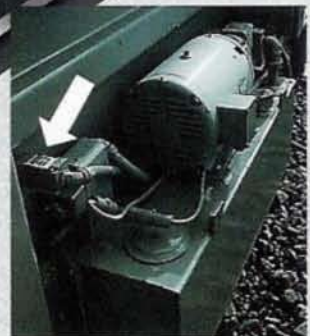
Cost Saving Value...

Marathon's RJ-400VL Value Line Stationary Compactor: highly efficient, economical compaction equipment for today's cost conscious waste generators. The RJ-400VL provides the cost-saving benefits of solid waste compaction including labor reduction, fewer collection pick-ups, and space savings.

Superior Design & Construction...

Marathon now offers the first Side-Mounted Power unit in the industry. This new design offers the convenience and ease-of-maintenance of a remote power pack along with the space savings of an integrated power pack. Other unique design features include:

- ▼ New configuration that eliminates ALL electrical components from the inside of the compactor.
- ▼ Operator accessible Reset Button for the Motor Starter to eliminate entry into the control box.
- ▼ Advanced, simplified Two Button Operation.
- ▼ Limit Switch (arrow) attached to the outside of the compactor body for ease-of-maintenance and damage protection.



- ▼ Marathon built, high performance, Pump is secured to "C" flange motor with a machined bracket that guarantees coupling alignment.

Performance...

The RJ-400VL compactor is fully automatic. Simply dump waste into the large 67 1/2" x 60" charge box opening and turn the key. After the compaction cycle completes, the unit shuts down automatically. Key operation gives the operator absolute control over compactor use, eliminating expensive sharing of waste receptacles.

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 the life and dramatically reducing compaction-robbing friction.

RENTAL AND LEASING PROGRAMS AVAILABLE



Specifications:

Charge Box Capacity		
[Mfrs. Rating].....	3.0 cy	2.3 m ³
[WASTEC Rating].....	2.55 cy	1.95 m ³
Clear Top Opening.....	67.5" L X 60" W	1714mm x 1473mm
Weight.....	6,000 lb	2721 kg
Capacity Per Hour.....	184 cy	140 m ³

Performance Characteristics:

Cycle Time.....	50 s	50 s
Total Normal Force.....	46,700 lb	208 kN
Total Maximum Force.....	55,100 lb	245 kN
Normal Ram Face Pressure.....	26.8 psi	185 kPa
Maximum Ram Face Pressure.....	31.7 psi	218 kPa
Ram Penetration.....	13"	330 mm

Electrical Equipment:

Electrical Motor TEFC 3/60-208/230/460.....	15 hp	11.2 kW
Electrical Control Voltage.....	120 VAC	120 VAC
UL Labeled Panel Box: Type NEMA 3R, All Circuits Fused		
Standard 2 Button Controls: Keylock Start/Mushroom Stop		
Connected to 13' Sealite		

Hydraulic Equipment:

Hydraulic Pump.....	18.5 gpm	70 L/min
Normal Pressure.....	1650 psi	11.4 mPa
Maximum Pressure.....	1950 psi	13.4 mPa
Hydraulic Cylinder Bore.....	6"	152 mm
Hydraulic Cylinder Rod.....	4"	102 mm

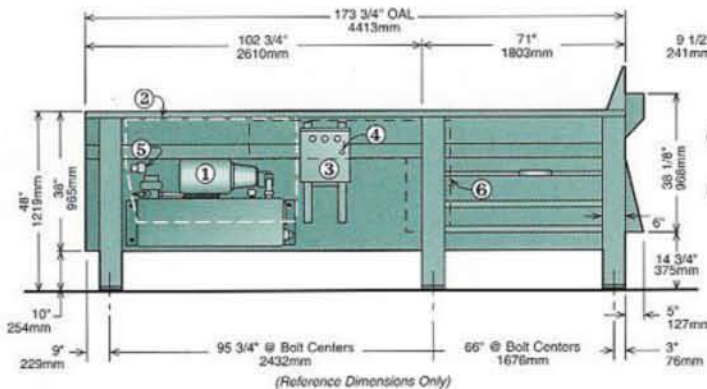
RAMJET RJ-400VL



▼ The RJ-400VL features an advanced, simplified control system with 2 button operation. It is key-operated and fully automatic. The heavy duty push button controls are contained in a weather-proof NEMA 4 enclosure. Connected to the power pack with 13' of sealite, the controls can be located for operator convenience.

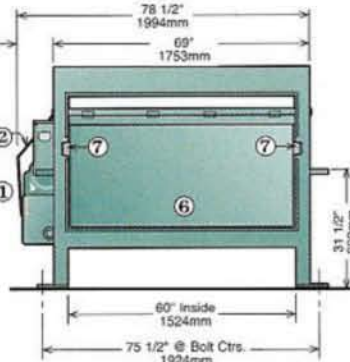
Optional Features Available:

▼ The optional TrashMinder® is the most advanced method for reporting and measuring container fullness as well as for managing user access and billing. For a detailed description see Marathon's TrashMinder® brochure.



Concrete Pad Requirements

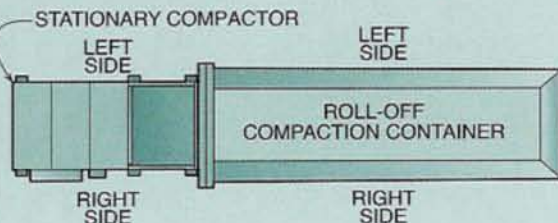
6" (152mm) Thick Reinforced 3000 PSI Concrete (4) 3/4" (20mm) Anchor Bolts (Min.)



- 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

Top View of Typical Compactor & Container Configuration

NOTE: Lefthand or Righthand is determined by facing the rear of the compactor (the end opposite the charge box).



▼ Multi-cycle timer, dual controls, ozone odor control system, hoppers and many other options are also available as well as a full line of compaction containers.

▼ Chutes can be constructed to meet your specifications and needs. They reduce the risk of pilferage of valuable merchandise or tools by eliminating a person's ability to hide items in the trash in order to recover them later from the waste receptacle.



1-800-464-3095



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.