

# RAMJET RJ-100SC Compactor/Container

MALLS  
SCHOOL SYSTEMS  
IN-FLIGHT KITCHENS  
LARGE RESTAURANTS  
FOOD PROCESSORS  
SUPERMARKETS  
HOSPITALS  
HOTELS

... safely stores wastes in a liquid tight enclosure, provides the economies of compaction, and offers the benefits of odor and insect control!



Totally



Listed!



Marathon's  
**RJ-100SC Self-Contained  
Compactor/Container,**

makes handling wet or dry waste simple.

It is easy to load from both the ground and dock level. In addition, a hopper can be used to double or triple the loading capacity! Waste can be fed continuously while the unit is cycling and no "clumsy" spring-loaded lids exist to hinder the user. The over 22 tons of crushing force will reduce the refuse to a fraction of its former size. The universal double-end pickup and new "dock friendly" design make the RJ-100SC ideal for dock feed applications. Other features include fire hose connections on each unit and grease fittings on the hinges, guide rollers and ground rollers.

The innovative **Bubble Gate** adds nearly a cubic yard to container capacity and the special curved shape provides superior compaction ratios. These two unique benefits reduce costs of waste disposal.

Marathon's **Auto Relatch** eliminates the need to hold the door while operating the latch ratchet, allowing the operator to use both hands on the ratchet.



**Specifications:**

Charge Box Capacity  
 [Mfrs. Rating] .....1.50 cy .....1.15 m<sup>3</sup>  
 WASTEC Rating] .....1.32 cy .....1.00 m<sup>3</sup>  
 Total Capacity .....30 cy .....23 m<sup>3</sup>  
 Clear Top Opening .....35" L X 60" W....889mm x 1524mm

**Performance Characteristics:**

Entire Unit is **Totally UL Listed**  
 Cycle Time .....37 s.....37 s  
 Total Normal Force.....36,300 lb.....161 kN  
 Total Maximum Force.....45,200 lb.....201 kN  
 Normal Ram  
 Face Pressure .....20.9 psi .....144 kPa  
 Maximum Ram  
 Face Pressure .....26.0 psi .....179 kPa  
 Ram Penetration .....6 1/2" .....165 mm

**Electrical Equipment:**

Electric Motor  
 3/60/230-460 .....10 hp .....7.5 kW  
 Electric Control Voltage .....120 VAC .....120 VAC  
 UL Labeled Panel Box: Type NEMA 3R, All Circuits Fused  
 3 Button Controls: KeylockStart/Mushroom Stop/Reverse

**Hydraulic Equipment:**

Hydraulic Pump.....10 gpm.....38 L/min  
 Normal Pressure .....1850 psi .....128 bar  
 Maximum Pressure .....2300 psi .....159 bar  
 Hydraulic Cylinder Bore.....5" .....127 mm  
 Hydraulic Cylinder Rod.....2.5" .....64 mm

**Marathon's Patented...**

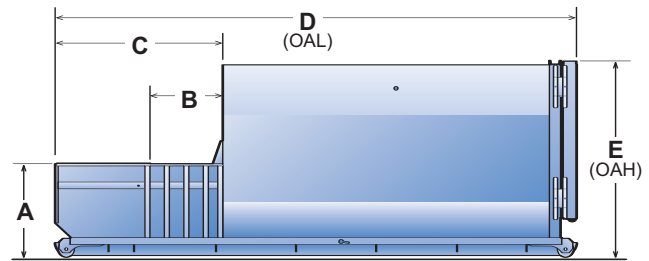
**\*CYCON Cyclic Control System**

**Standard on RJ-100SC  
 Compactor/Containers. Features:**

- Reliable, solid state circuitry eliminating all pressure and limit switches
- Extended cylinder and hose wear life – guaranteed by CYCON's no-shock cycle control
- Automatic "container full assurance system" – the ram dwells against the load at full pressure resulting in better compaction
- Smoother running, quieter operation
- Advanced hydraulic design allows the system to operate at minimum pressure levels except when actually packing solid waste
- More accurate Advanced Warning or Container Full options
- Dramatically improved cold weather performance



# RAMJET RJ-100SC Compactor/Container



Cu.Yds.	A	B	C	D	E	Weight
30	4'-0" 1219mm	3'-2 5/8" 981mm	7'-4 1/8" 2238mm	22'-1 3/16" 6736mm	8'-8" 2642mm	9400 lbs. 4273 kg.
34	4'-0" 1219mm	3'-2 5/8" 981mm	7'-4 1/8" 2238mm	24'-2" 7366mm	8'-8" 2642mm	9900 lbs. 4500 kg.

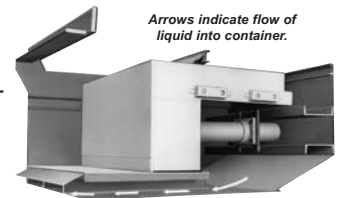
Marathon's **Remote Power Pack**, separate from the compactor/ container, remains free of damage caused during hauling to and from disposal sites and free of problems caused by landfill dust. There are no electrical connections to "make" or "break"-- two, simple-to-use, hydraulic quick disconnects couple power unit to packing head. **Weather Cover** and the **UL & CSA Rated Panel Box Assembly** are standard equipment.

The **"P" Seal** is custom designed for Marathon's compaction containers and also aids in liquid retention. Extruded from special compounds, the "P" Seal provides superior resistance to oils and chemicals. The mounting is engineered to permit quick and easy seal installation when replacement is necessary. No field fitting, cutting or welding is required and Marathon supplies a **full door seal** as standard equipment.



Doors have Marathon's patented **Double Hinges** with bronze bushings that assure liquid retention by providing uniform seal compression without seal "scrubbing" and damage. Each RJ100SC is factory tested for water tightness. The Double Hinge also saves expensive driver and truck time because only one easy-to-operate ratchet makes it work!

The **Qwik Clean Tank**® with the exclusive **Trash Check**™ feature, funnels any liquid seepage during compaction into an enclosed area underneath the charge box floor. The liquid is automatically discharged at the disposal site, in effect flushing the container and the area behind the ram. The 12" high sump holds 650 gallons of liquid and is designed to provide easier hook access for roll-off drivers.



**Authorized Distributor:**



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Visit our web site: [www.MarathonEquipment.com](http://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 Z245.21, all OSHA standards, and certified under WASTEC's Compactor Certification Program. Products must be used with safe practice and in accordance with said regulations and standards.

