Ideally, the recycling carts and trash and cardboard dumpsters will be on the same pad and enclosure. However, the quantity, size, and type of dumpsters needed are dependent on the building use and size. When volume or special needs dictate a larger dumpster, compactors are recommended. These may be used for trash or cardboard.

**Pad Dimensions:**
- The pad for a 20-30 cubic yard horizontal compactor should be 12’ wide and 40’ long. Additional space may be needed for the electrical unit.
- Elevation drawing and details for outdoor service areas must be shown on the plans.

**Concrete Information:**
- The pad should be a minimum of 3,000 PSI concrete, with #4 bars at 12” on center each way, and 6” thick.
- Pour the pad on compacted earth with a minimum base of 4” ABC stone. These are minimum requirements.
- Final structural design of the pad shall be based on project requirements.
- The floor of the enclosure (or the pad) shall slope 1/8” per foot to allow rainwater and other liquids to drain off without puddling.

(Refer to the following specifications for the preferred Marathon Self-Contained Compactor)
Vert-I-Pack® Self-Contained Compactor/Container

Use for front and rear feed applications

Convert the unit to accommodate a 4, 6, or 8 cubic yard container

Extra-low feed heights

Rigid anchoring platform

Triple interlock

Available from 3 to 8 cubic yard capacities
Vert-I-Pack® (VIP) Compactor with 4, 6, or 8 Cubic Yard Capacity Container

Vert-I-Pack Benefits for the Hauler

- The Vert-I-Pack vertical compactor is designed to simplify compacted waste dumping, save driver time, and substantially reduce maintenance costs.
  A front loader operator can attach and empty the container in less than 90 seconds.
- The Vert-I-Pack features a reversible feature that allows the unit to easily be converted to front or rear feed by moving the interchangeable bolt-on container stops.
  This enables one compactor to be used for a variety of applications.
- The telescoping legs allow the Vert-I-Pack to adjust up and down to accommodate 4, 6, or 8 cubic yard (3.1, 4.59, or 6.12 cubic meter) containers. The process of vertical compaction eliminates all openings in the side of the container from which waste materials can leak or spill. The location of the ram above the refuse prevents trash and liquids from collecting behind the blade, which can foul-up the cylinder or create damage when it freezes in the winter. Integral container guides provide 3-inches (76.2mm) of vertical tolerance, making re-entry fast and smooth.

VIP-LOCK®
Marathon’s patented VIP-LOCK positive container lock-in device prevents container “walking”. The container device “rides over” the compactor device as the truck moves the container into position. In the fully inserted position, the compaction force inside the container prevents the container from moving.

VIP-LOCK®
Sequence of operation

Stage 1 Stage 2 Stage 3

Images shown with optional equipment
**Vert-I-Pack® Benefits for the Operator**

- Marathon’s variety of low-profile Vert-I-Packs range in size from 3 to 8 cubic yards (2.29 m³ to 6.12 m³). These are available with feed heights as low as 44 7/8-inches (1140mm) and with front, rear, or side feed configurations. The Vert-I-Pack alleviates the need for all those unsightly containers that draw scavengers and vermin. Your refuse stays inside the unit. The Vert-I-Pack also prevents others from dumping refuse into your container since the Vert-I-Pack is key-operated and controlled. The Vert-I-Pack stores your refuse in an ozone rich atmosphere (with optional ozonation device), which eliminates odors and keeps out insects and their larva.

- The Vert-I-Pack is a real space saver — with more than 13-tons (11,793 kg) of crushing force, it reduces the contents of many open containers into 1 Vert-I-Pack container. This saves your hauler time because the hauler has only one container to pick up. It also prevents weekend overflow, which eliminates the need to schedule those expensive weekend pickups.

- The Vert-I-Pack is designed with the operator in mind. It has no heavy or clumsy lids to open and close — just a single easy and simple to open door.

- The Vert-I-Pack controls employee pilferage — optional security kit (rear feed and side feed units only) enables the unit to be fed from inside the building, eliminating the temptation to employees to put merchandise into a box, stash the box in the trash container, and return later to retrieve your merchandise.

**Vert-I-Pack Triple Lock**

- The mechanical door interlock prevents the door from being opened at all times except when the unit is in the proper feeding position. A second interlock prevents the unit from cycling (operating) when the door is in the open position. The third interlock prevents the unit from functioning when the container is not in the proper position.

**Simple User Operation**

**Step 1**

- The operator inserts the key and turns it to the “UP” position. The ram moves from the mid-point position to the up position. The door can now be opened.

**Step 2**

- The large opening allows even 30 gallon (114 liter) containers to be emptied easily.

**Step 3**

- After feeding the operator closes the door and removes the key. The unit then cycles automatically when the door is closed. With more than 13-tons (11,793 kg) of crushing power, the Vert-I-Pack forces the ram 18-inches (457.2mm) in to the container.

**Step 4**

- After the ram reaches maximum penetration, it automatically reverses itself. The unit automatically shuts down when the ram reaches the mid-point position at the top of the container. The ram remains in this position until the next use, sealing off the top of the container and applying constant pressure to the refuse. This helps to increase compaction and reduce spring-back.
Vert-I-Pack® Self-Contained Compactor

### Dimensions and Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Model</th>
<th>Size</th>
<th>Feed Height</th>
<th>Complete Assembly Weight</th>
<th>Container Weight</th>
<th>Overall Height</th>
<th>Overall Length/Width</th>
<th>Overall Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Front-load collection trucks</strong></td>
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<tr>
<td>Front feed</td>
<td>3 cu yd</td>
<td>46 1/2&quot;</td>
<td>3,464 lbs</td>
<td>3,675 lbs</td>
<td>86 1/2&quot;</td>
<td>90&quot;</td>
<td>78 1/2&quot;</td>
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<tr>
<td>Front/Rear feed</td>
<td>4 cu yd</td>
<td>55 1/4&quot;</td>
<td>4,014 lbs</td>
<td>4,161 lbs</td>
<td>92 1/8&quot;</td>
<td>100&quot;</td>
<td>90&quot;</td>
<td></td>
</tr>
<tr>
<td>Front/Rear feed</td>
<td>6 cu yd</td>
<td>65 1/2&quot;</td>
<td>4,611 lbs</td>
<td>4,768 lbs</td>
<td>100&quot;</td>
<td>110&quot;</td>
<td>100&quot;</td>
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<tr>
<td><strong>Front/Rear feed</strong></td>
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<tr>
<td>Front/Rear feed</td>
<td>8 cu yd</td>
<td>85 1/4&quot;</td>
<td>5,200 lbs</td>
<td>5,357 lbs</td>
<td>110&quot;</td>
<td>120&quot;</td>
<td>110&quot;</td>
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<td>4 cu yd</td>
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<td>4,611 lbs</td>
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<tr>
<td>Rear feed</td>
<td>4 cu yd</td>
<td>75 1/4&quot;</td>
<td>5,200 lbs</td>
<td>5,357 lbs</td>
<td>110&quot;</td>
<td>120&quot;</td>
<td>110&quot;</td>
<td></td>
</tr>
</tbody>
</table>

### Performance Characteristics:
- **Cycle Time**: 30 sec.
- **Total Normal Force**: 26,400 lbs (11,975 kg)
- **Total Maximum Force**: 30,200 lbs (13,699 kg)

### Electrical Equipment:
- **Electric Motor**: 3/60/230-460, 3 hp, 2.2 kW
- **Electric Control Voltage**: 120 VAC
- **Panel Box Assembly**: UL® and CUL® Listed, Key Operated
- **All Circuits Fused**: 2-Button Station

### Hydraulic Equipment:
- **Hydraulic Pump**: 3 gpm, 11.4 L/min
- **Normal Pressure**: 15.3 psi, 1.0 bar
- **Maximum Pressure**: 17.5 psi, 1.2 bar
- **Hydraulic Cylinders (2) - Bore**: 4", 103 mm
- **Hydraulic Cylinders (2) - Rod**: 2", 51 mm

### Technical Specifications:
- **Front-load collection trucks**
  - Charge Box Capacity: [Mfr. Rating] 0.72 cu yd, 0.55 m³
    - [WASTEC Rating] 0.54 cu yd, 0.41 m³
  - Clear Top Opening: 23.5" x 46" W x 597 mm x 1168 mm

### Green Built®
Also available as Green Built®, featuring Solar and other environmentally friendly components. Marathon’s solar option is not UL and CUL Listed.

### Compactor Rental and Leasing Programs Available
For detailed specifications, recommendations, or free economic studies comparing various systems, contact Marathon Customer Care at 1-800-633-8974.

### Authorized Dealer:
RAMJET
Stationary and self-contained compactors.