

RJ-30 High-Density Compactor Extruder

Marathon's RJ-30 features a curved tube and hydraulic choker that discharges densely compacted blocks of refuse into almost any size and type of receiving container. Because of its unique "S" shaped tube, the RJ-30 achieves higher compaction ratios. It is perfect for through-the-wall applications.

RJ-30 Compactor Extruder

Standard Benefits

- The RJ-30 compacts material in the compactor and not in the container, making unloading fast and easy. The container is not attached to the unit, which saves time and eliminates spillage.
- The body and ram are constructed of heavy steel plate.
- The smooth operating hydraulic power unit is available mounted on the compactor or separate.
- Ideal for multi-story apartment buildings where trash is fed by a chute system.
- Optional photoelectric cycle control senses when trash is in the hopper and alerts the unit to cycle automatically.



The RJ-30 can be used in a variety of applications, such as deliquifying and recovery of material from outdated beverage containers, oil filters, rejected oil cans, and dairy products.

How the RJ-30 extruder works



The packing ram forces materials from the charge box area into the "S" curved tube. Friction develops as it contacts the first part of the curve, which starts the compaction process.



As material passes under the springloaded choker, resistance increases causing a dense tube of refuse to develop. The spring-loaded choker allows the unit to handle a variety of waste materials.



As waste enters the charge box, the ram pushes the forming tube of refuse to the top of the curved chute. This forces 24-inch (610mm) gravity-fed blocks of refuse into the container.

