

The RotoPac™ Industrial Waste Compactor – Compacting waste and/or recyclable cardboard & plastic



The RotoPac™ Industrial Waste Compactor was designed with a small footprint, a high capacity for waste, and high compaction to provide the flexibility of being used in multiple applications of waste compaction. Utilizing rotary arm compaction technology makes this industrial waste compactor unique in that they place significant contact pressure and torque on waste to remove the maximum amount of air from the compacted waste. Achieving compaction ratios of greater than 6 to 1, the RotoPac™ greatly reduces your waste disposal costs, up to 80 percent.

Quality and safety are designed and fabricated into every RotoPac™ commercial waste compactor by using quality fabricating processes and US made components.



RotoPac™'s rotary arm compaction action makes it ideal for compacting 1) large volumes of trash; 2) plastic for recycling; and 3) cardboard without manually breaking down boxes. Built in the U.S., RotoPac™ has over 16 years' history of outstanding performance in North America. RotoPac™ is a proven workhorse in compacting trash and recyclable materials worldwide in thousands of companies and hundreds of applications.

Some typical locations where RotoPac™ is used are:

- A wide variety of manufacturing and assembly plants
- Marine environments
- Food processing plants
- Distribution centers
- Aerospace companies
- Pharmaceutical firms
- On board a U.S. Navy ship
- High security area for U.S. army State & city authorities

Materials to be compacted:

- All general solid waste
- Destroying materials to prevent theft from roll-offs
- Recyclable materials
- Hazardous solid waste
- Contraband
- Rejected cigarettes
- 50# sacks
- Super sacks

Unique Benefits of the Original Rotary Arm Compactor:

- Over 6 to 1 compaction reduces trips to hauler's container and hauler collections, saving you labor, time and money
- Continuous compaction for high volumes, up to 250 pounds/hour, allows critical work to be done whenever you need it
- Compaction of wet and dry compactable waste gives you flexibility to take care of most waste and trash issues with a single solution
- Reduces your carbon footprint by fewer collections and less landfill space required, helping you meet your corporate goals and objectives for sustainable operation
- Saves you space on your facility floor with the industry's smallest compactor footprint of just 4' x 5' It can also be placed outdoors
- A proven track record of 16 years of quality and durability with low maintenance cost
- Reduces forklift traffic and displaces labor costs, allowing you to save money or assign employees to higher-value tasks
- Requires no supervision or skilled operator; you simply input trash and press the "Run" button
- No hidden installation costs - Just place the machine, connect to 240V, 460V or 600V 3-phase electrical source and you're ready to smash your trash
- Numerous safety features incorporated into its design
 - NEMA 4X control box complies with Class II Division II standard.
 - Isolator switch shuts down the unit completely.
 - E-Stop switch conveniently located for easy reach and complete shut down.
 - Main door lockout means that unit stops while door is open.
 - Loading door lockout option also stops the unit while the door is open.
 - Motor overload protection with automatic shutdown preventing burnout.
 - Slab-sided unit prevents unsafe climbing.
 - Loading door is set at optimal height to prevent injury due to reach in.
 - Safety stickers in English and Spanish instruct clearly on safe operation.
- Four ways to feed waste make this machine flexible to whatever purpose you need to fill.

1. Convey trash through the top
2. Gravity feed it through a chute
3. Blow waste into it
4. Manual feed trash through the loading door

CASE STUDIES

Aerospace - **Problem:** The facility generates a huge amount of trash, disparagingly referred to as Foreign Object Debris (F.O.D.), considered lethal to an aircraft. **Solution:** Client purchased approximately 40 RotoPac compactors and placed them throughout the production area. They are able to compact at a ten-to-one ratio saving money and personnel needed to handle the volume of F.O.D. Under the current system, trash removal has gone from as much as six times a day to only once a day. The company's move to the RotoPac has enabled production workers to concentrate on the manufacturing process and not waste handling. Because RotoPac™ has a 4-ft. x 5-ft. footprint equal to one of the metal trash boxes it replaced, it offered significant savings of valuable shop space as one plastic bag of compacted trash equaled 10 boxes. Client places great emphasis on employee safety and the introduction of the "at-the-source" compactor has virtually eliminated the risk of injuries created by the heavy metal carts it replaced.

RotoPac Rotary Compactor

Dimensions:	86.5" x 51" x 61" (220 cm x 130 cm x 155 cm)
Working Dimensions:	119" x 51" x 61" (302 cm x 130 cm x 155 cm)
Loading Height:	58" (147cm)
Weight:	2,690 lbs (1,220kgs)
Electrical:	240/480v 3-phase 14am/7amp 5 HP (4kw) Explosion Proof Electric Motor, 50/60 hertz 24V A.C. Control Circuit Voltage
Torque:	4,400 ft-lbs at compaction drum surface
Compacted Bags:	Weight: 500-950 lbs (227-431 kgs)
Dimensions:	1.8 cubic yards (1.4 cubic meters)
Safety:	Front door: machine will not operate if lockable door is open. Emergency stop button conveniently located. Option to keep loading door locked when in operation. Motor overload protection. Mains Isolator lockable.