

**RAM FLAT Compactors** allow their users to significantly reduce their costs to dispose of hazardous and radioactive waste. This is done by reducing the volume of the waste by compacting the material right into the drum.

Only interested in crushing empty drums? No problem. Some of the **RAM FLAT Compactor** models are designed specifically to crush empty drums into metal pancakes. But the real bonus is the ability to configure one **RAM FLAT Compactor** to both crush empties and to compact waste into drums.

## RAM FLAT MEANS QUALITY

For over twenty-five years we have designed **RAM FLAT Compactors** around these quality parameters:

- Top Quality, USA made electrical, hydraulic & pneumatic componentry
- Easy to use controls: Down, Up & Emergency Stop. Bottom Stop optional
- Adjustable compaction Pressure
- Completely enclosed crushing chamber
- Interlocked safety chamber door for operator safety
- Unitized, welded-body construction
- Liquid tight electrical conduit, all steel hydraulic tubing
- Oil-tight 115v push button controls
- Large oil reservoir for efficient cooling of the hydraulic circuit and seal protection

## FLEXIBLE DESIGN

With field proven experience in compacting materials like paint filters, radioactive lab waste and even simple product destruction, the **RAM FLAT Compactor** has the ability to be customized to meet your application. Some of the customized options we have designed include:

- Multiple drum sizes with single machine
- Bolt on Crushing Plate for drum crushing
- Remote location machine controls
- Programmable machine controls
- Ergonomic sensitive drum handling system
- Drum piercing & drainage
- Provisions for outside installations
- Air Filtration (particulate & vapor)
- Liquid removal from the compacted waste
- Waste spring back management
- Non-sparking surfaces
- Stainless Steel construction

## HAZARDOUS LOCATIONS

For explosion-proof locations, we offer two unique control designs which reduce the need for bulky and expensive electrical fittings and enclosures:

- **Hydraulic Controls:** electric controls and interlocks are replaced with non-sparking hydraulic control logic
- **Pneumatic Controls:** electric controls and interlocks are replaced with non-sparking pneumatic control logic

Standard explosion-proof designs feature a Class 1, Div. 1, Group D electrical motor.



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# 55 LR

## Built for medium duty, lightweight wastestreams

- **20,000 lbs. hydraulic force** for inside drum compaction
- Ideal for handling Low-level radioactive waste
- 55LR has large drum clearance for material overflow
- Exhaust Collar for chamber ventilation
- 3.25" N FPA cylinder with 2" chrome rod
- .179 Steel Plate Crushing Chamber with 1" thick base plate
- .5" Stainless Steel Compaction Head with tapered top cone
- Regenerative Hydraulic Circuit for fast cycle times

# 55 LR



Model	55 LR	
Compaction Chamber Height	48.0"	121.9cm
Compaction Stroke Length	35.0"	88.9cm
Compaction Chamber Width	32.5"	82.5cm
Door Opening Width	27"	68.6cm
Full Cycle Time	40 sec.	
Machine Depth	39"	99.1cm
Machine Width	36"	91.4cm
Overall Machine Height	99.75"	235.4cm
Electric Motor	7.5 HP	5.6kW
Ship Weight Including Oil	2160 Lb.	980kg

- Optional drum roll out dolly shown in photo above.