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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55E, 55ER

Built for medium to heavy duty applications & volume

- ***60,000 lbs. hydraulic force*** for inside drum compaction / drum crushing
- 55ER has extra large drum clearance for material overfill
- 5" NFPA cylinder with 3.5" chrome rod
- .188 Steel Plate Crushing Chamber with 1" thick base plate
- 1" Steel Compaction Head with reinforcing gussets
- Positive Displacement Piston Pump for consistent cycle times

55E

Model	55E		55ER	
Compaction Chamber Height	*38.0"*	96.5cm	50.0"	127.0cm
Compaction Chamber Width	*32.5"*	82.6cm	32.5"	82.6cm
Door Opening Width	*27"*	68.6cm	*27"*	68.6cm
Full Cycle Time	*41 sec.*	—	*58 sec*	—
Machine Depth	*39"*	99.1cm	*39"*	99.1cm
Machine Width	*36"*	91.4cm	*36"*	91.4cm
Overall Machine Height	*103.0"*	261.6cm	*128.0"*	325.1cm
Electric Motor	*10 HP*	7.5kW	*10 HP*	7.5kW
Ship Weight Including Oil	*3140 Lb.*	1424kg	*3440 Lb.*	1560kg

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