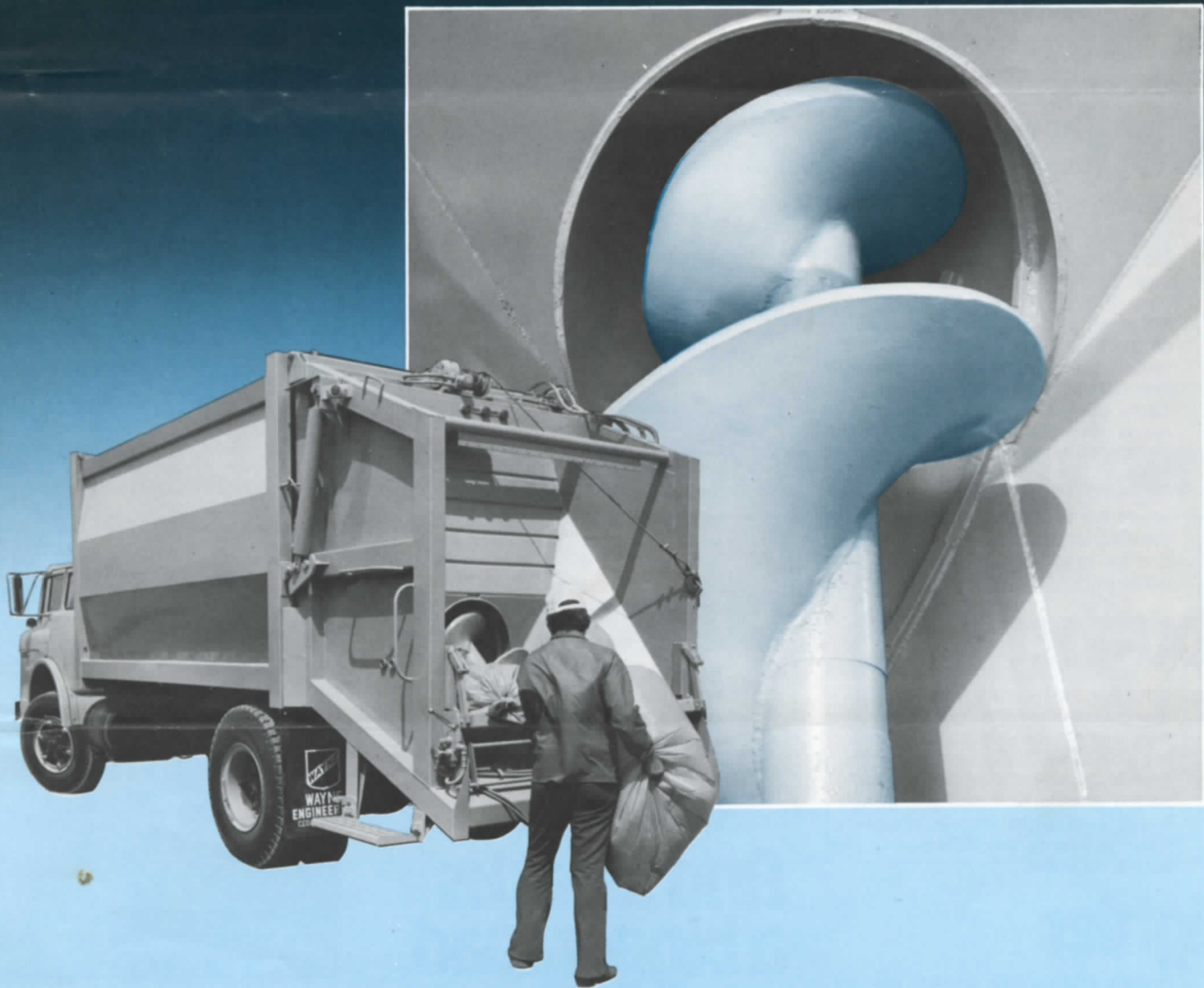


**Wayne has a better way
than push and shove**



WAYNE
ENGINEERING CORPORATION



Simpler

Simpler but better. One moving part, a rotating screw, is all the Gruncher needs to coarsely shred and evenly compact refuse. There's nothing to bend or bind. The new Gruncher does not even use gear reduction. A single high-torque hydraulic motor directly drives the compaction screw. There are no troublesome compaction cylinders or a maze of hydraulic controls. The Gruncher's one control valve is normally turned on at the beginning of the route and shut off at the end. Simplicity makes the Gruncher more dependable and far less expensive to maintain.

Tougher

Tougher, to be sure. The cast manganese steel screw is purposely over-designed. After all, you never know what you'll find in mixed wastes. And if the screw should bite into something tough enough to stop it, pressure relief prevents any damage to the power system.

Lighter

Refuse trucks with packer blades need strong, heavy bodies because all the compaction takes place inside the body. The Gruncher shreds and compacts wastes *before* materials are in the body. That means a lighter body can be used to haul heavier payloads. And because the tailgate is lighter, a Gruncher load has better weight distribution.

Faster

The Gruncher compacts continuously. There's no waiting for an open hopper. Let two or three men load as fast as they can. The Gruncher will stay ahead of the pace. That makes routes go faster. At the end of each day you can count the fuel and labor savings.

Safer

The Gruncher has no shear or pinch point. And a safety bar, which extends across the full width of the hopper, stops the screw when the bar is touched.

Quieter

Fewer mechanical parts and continuous power make the Gruncher a quieter machine. There's no rattling or banging. The compaction screw doesn't have noisy stops or starts. The Gruncher silences early morning collection complaints.

And it packs a bigger load

Not just bigger, but better. You can look at a Gruncher load and see the difference. Mixed wastes are shredded to smaller, more tightly compacted pieces. Plastic containers and other materials that ordinarily spring back to shape are torn apart and crushed by the Gruncher. No plastic bags of household wastes escape



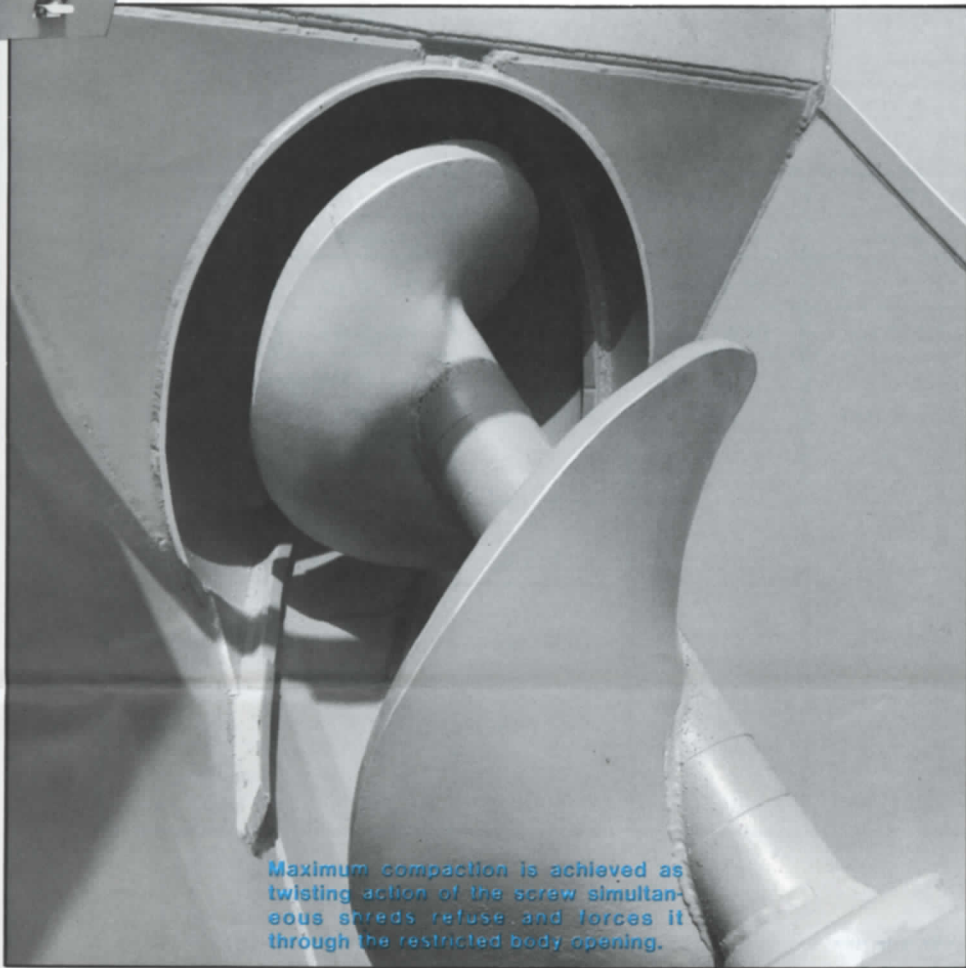
Grunched refuse reaches the landfill broken down, shredded and tightly compacted into heavier payloads.



Refuse from ordinary packer trucks is less uniform with more voids and lower density.

intact. Pallets and other bulky objects are broken down. The simple and efficient Gruncher packs mixed wastes into heavier loads. And those heavier payloads spread more evenly and work down tighter in the landfill.

Get the Gruncher



Maximum compaction is achieved as twisting action of the screw simultaneously shreds refuse and forces it through the restricted body opening.



High-torque hydraulic motor drives spiraled and tapered compaction screw. Only two hydraulic lines needed to drive the compactor.

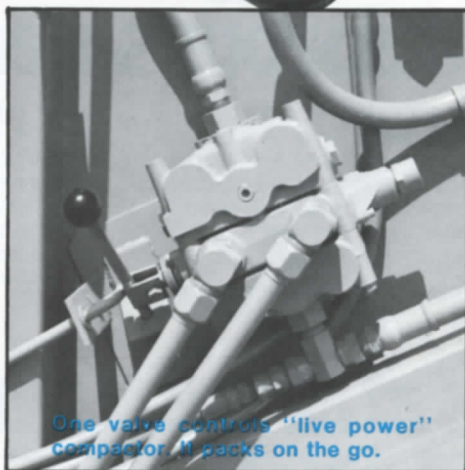
**There's one way to prove it.
Let Wayne Grunch your route.**



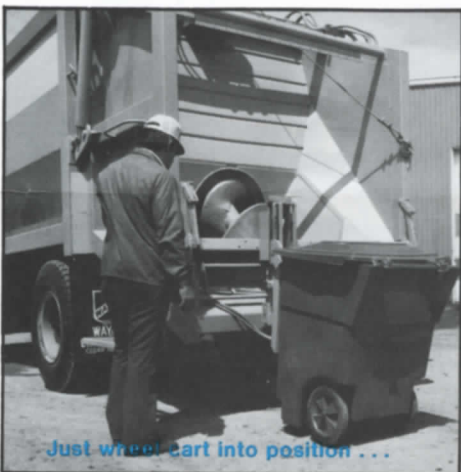
for directly
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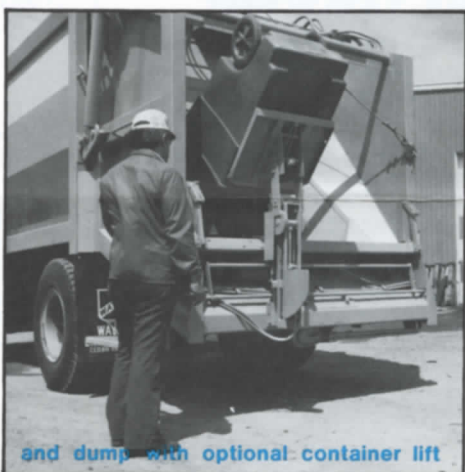
Safety bar instantaneously stops
compaction screw.



One valve controls "live power"
compactor. It packs on the go.



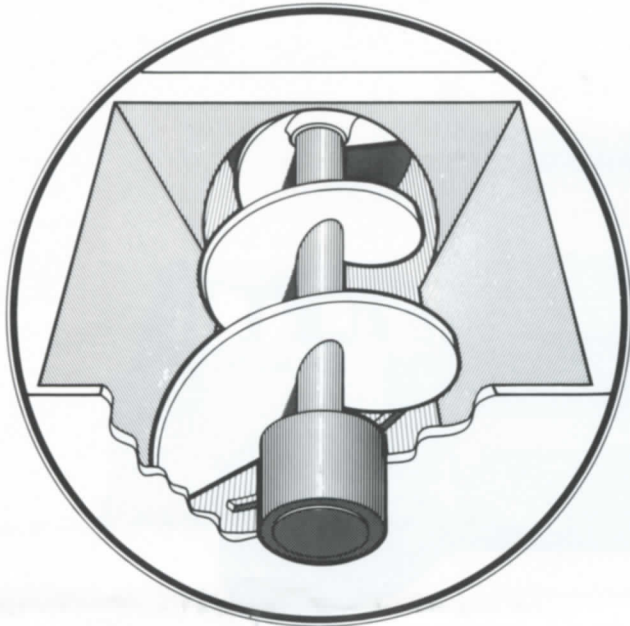
Just wheel cart into position ...



and dump with optional container lift



WAYNE
ENGINEERING CORPORATION



Forget what you know about mobile packers and open your eyes to a better basic idea

Simultaneous shredding and compaction

You've probably seen the Gruncher principle at work in the kitchen. Chunks that are dropped into a food grinder are shredded into a uniform, easy-to-spread consistency of reduced volume.

The Gruncher improves on the principle with a shredding screw

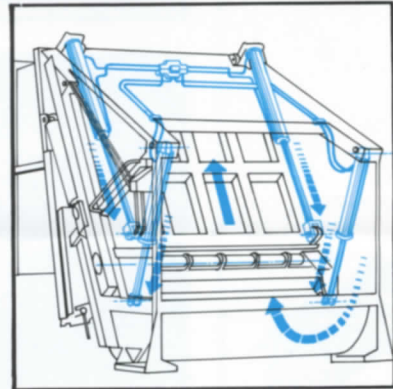
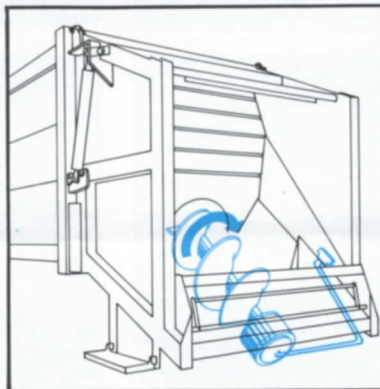
that is tapered along a tightening spiral. A choke ring around the tightest portion of the screw increases both the shredding and compaction. The net effect is that the shredded wastes are compacted from all directions, instead of being pressed by a

ram moving in just one direction. The simultaneous shredding and compaction are what make the Gruncher the most efficient wastes handler on wheels.

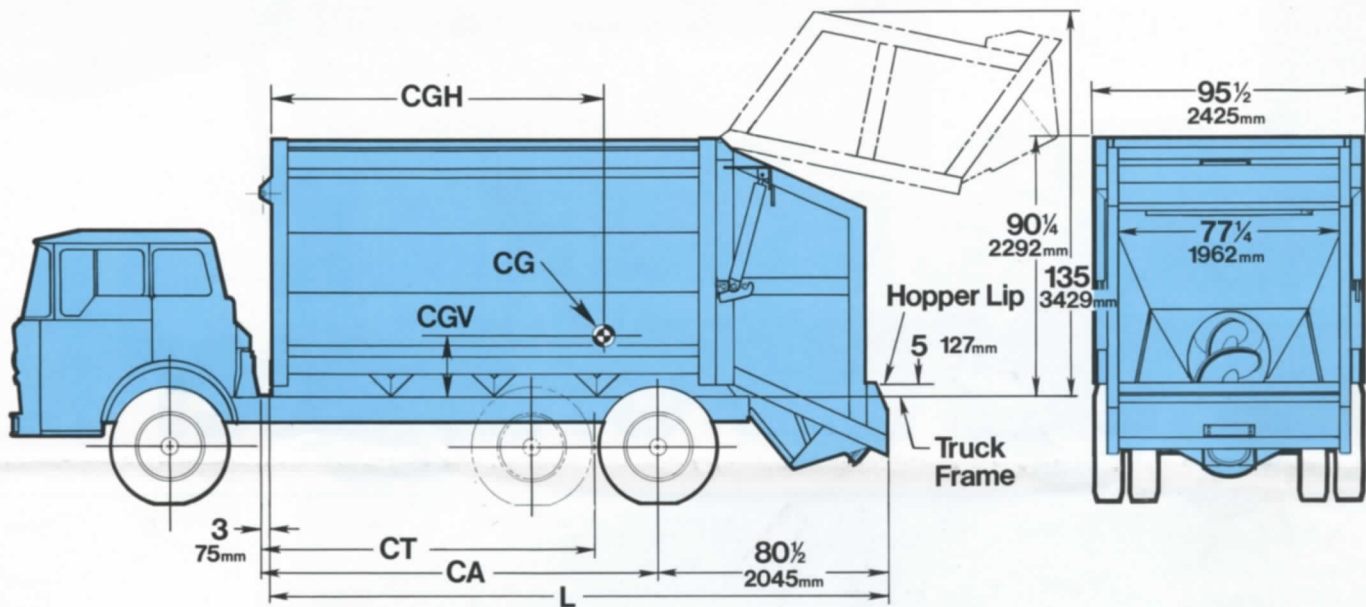
Look at all the maintenance the Gruncher never needs

No leaky cylinders. No leverage arms or brackets to bend or bind. No complicated valves. Far fewer wear points to escape lubrication.

The Gruncher's simplified power system consists only of a pump, reservoir, hydraulic motor and one 3-position control valve for the compaction screw. The high-torque hydraulic motor directly drives the one moving part.



Specifications



	Gruncher 18		Gruncher 20		Gruncher 25	
	English	Metric	English	Metric	English	Metric
Capacity	18 cu. yd	13.76 cu m	20 cu yd	15.29 cu m	25 cu yd	19.12 cu m
Body Weight	8663 lbs	3920 kg	9040 lbs	4101 kg	9605 lbs	4357 kg
Recommended Chassis CA or Chassis CT	Single Axle 114" to 120"		Single Axle 138"		Tandem Axle 149" to 150"	
Recommended Chassis GVW	32,000 lbs	14,515 kg	32,000 lbs	14,515 kg	50,000 lbs	22,680 kg
Body Front to C.G. Horizontal	102"	2591 mm	118"	2997 mm	146"	3708 mm
Truck Frame to C.G. Vertical	21"	533 mm	21"	533 mm	21"	533 mm
Body Length "L"	192"	4877 mm	216"	5486 mm	252"	6401 mm



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