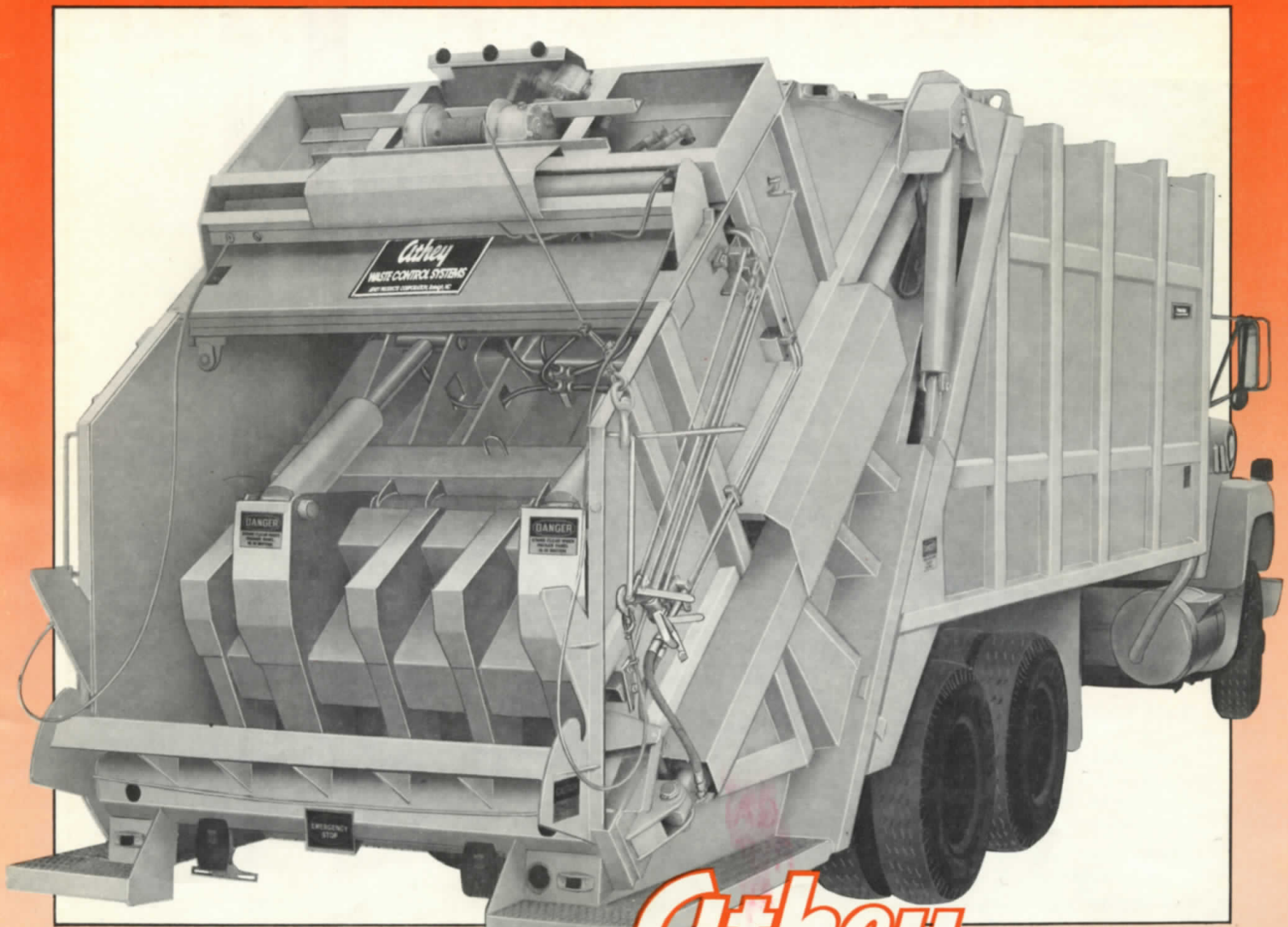


# Atthey

## REAR LOADERS

Standard and high-compaction models  
that pack-on-the-run to save you time



# Atthey

WASTE CONTROL SYSTEMS

## THE ATHEY STANDARD REAR LOADER

16, 20 and 25 yds. (RL-16, RL-20, RL-25), for villages or small-route haulers up to maximum volume on any route. Without wearing a path to the landfill.

This means fewer trips, bigger payloads, less downtime. That really helps make hauling profitable.

Standard units require chassis from single axle (120" c/a) up to tandem (180". See back pg.)



# ATHEY REAR LOADERS

### ASK US TO DEMONSTRATE AN ATHEY.

Very few rear loaders are sold by sales literature like this. Most require a "let-me-see-what-it-can-do" kind of demonstration. We're ready for it. Either on your route, or on one close by. We're confident an Athey will perform the way you expect a rear loader should . . . day-after-day, on the world's toughest garbage routes.

**Ask us for a "show me" demonstration.**



Above, an Athey 25-yd. standard unit (RL-25). It has a huge 7 $\frac{1}{4}$ "<sup>4</sup>-stage ejection cylinder that features simple one-stroke operation. This unit requires a tandem axle chassis.

## THE ATHEY HIGH-COMPACTION REAR LOADER

If the landfill charges you "by-the-yard" (lots of them do!), the Athey HRL-25 is for you. 25 yards in this monster adds up to a whole lot more tonnage than in conventional units.

What better way to add profit to your route?

The HRL-25 calls for a tandem-axle chassis, min. 56,000 lbs. GVW, 180" cab to rearmost axle. If these specs fit your route, check out the Athey HRL-25, the best rear loader on the road.





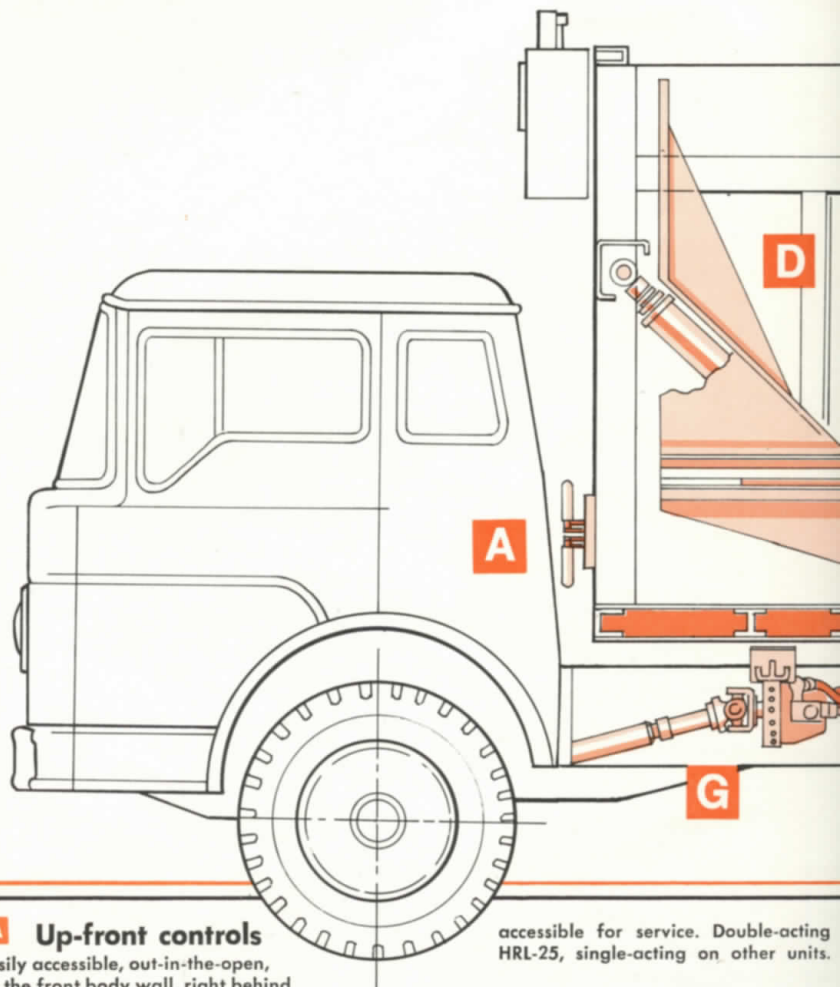
## An Athey can "pack-on-the-run," to save route time

An Athey rear loader with automatic transmission can pack-out while you are moving to the next pickup. That's a real time-saver, in all kinds of route situations. At the disposal area, the load ejects quickly and cleanly.

# DRIVERS KNOW THE ROUTE...A

## Standard features

- 32 lubrication points, easily accessible for regular maintenance and performance checks.
- Buzzer system to signal cab, mounted on both street side and curb side of tailgate.
- Travel, parking and brake lights conforming to FMVSS standards.
- On-off switch for automatic engine control located in the cab.
- Riding steps on both sides, each with non-skid treads.
- 70-gallon hydraulic oil tank, mounted high on front of the body, for efficient cooling and gravity-boosted feed to the pump.
- Sight gauge on oil tank.
- Durable mud flaps.
- 10-gauge hi-tensile steel on body floor and vertical side braces, 8-gauge on horizontal side braces.
- 11-gauge hi-tensile steel on body sides and roof.
- 2½ cu. yd. hopper (optional extension adds .9 cu. yd.).



### A Up-front controls

Easily accessible, out-in-the-open, on the front body wall, right behind the cab.

### B Twin packing cylinders

Overload protected, double-acting, designed for long life and leak resistance (Athey has been building quality cylinders for over 50 years!). Chrome plated shafts.

### C Tailgate lift cylinders

Tucked away to avoid collecting refuse, yet

accessible for service. Double-acting HRL-25, single-acting on other units.

### D One-stroke telescoping ejection cylinder

Protected from refuse (as are all Athey hydraulic components), yet accessible for maintenance. Double-acting, 2-stage on 1 yd. unit, 3-stage on 20-yd. and 4-stage on both 25-yd. models. Chrome plated shafts.

### E Heavy duty ejection blade

Inclined surface works material to top. Ja



### Big 2½ cu. yd. hopper, with extension option to add almost another yard

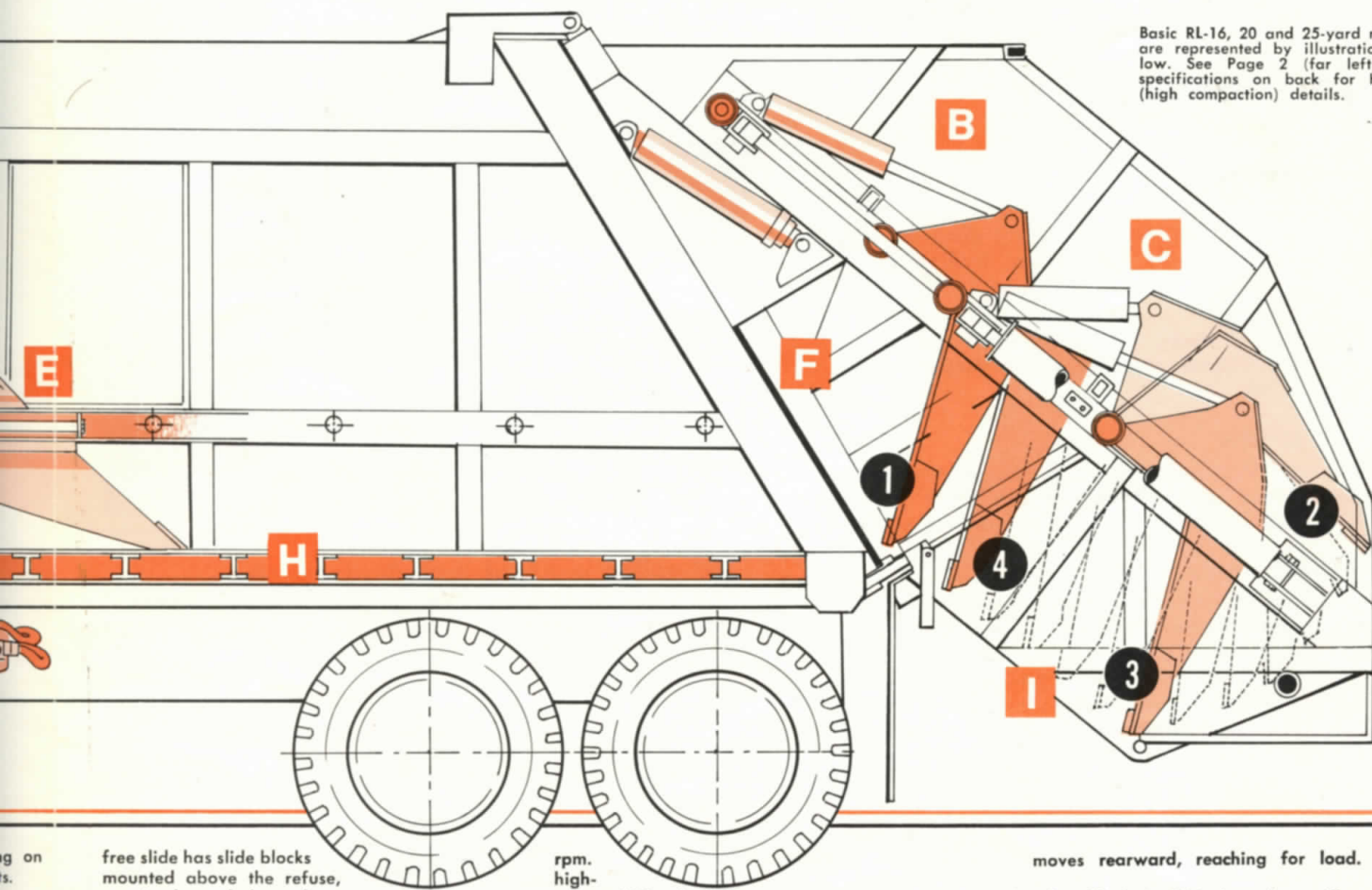
Athey's rear loader hopper is 75" wide, 58" high, with a large box-section sill of high-strength steel, positioned low for easier loading. Extension option adds .9 cu. yd. to the (TBEA-rated) 2½-yard hopper. Together, that's 3.4 cu. yds. extra payload.

### Wide loading area, for bulky items

Two men can feed an Athey without bumping elbows . . . and they can feed it almost anything they like. The unit is designed to take couches, washers, refrigerators and similar bulky items. That's one good reason for that heavy duty sill (see above). It's also a better "target" for route men "in a hurry," or with poor aim.



# AND HOW TO HANDLE IT



Basic RL-16, 20 and 25-yard models are represented by illustration below. See Page 2 (far left) and specifications on back for HRL-25 (high compaction) details.

free slide has slide blocks mounted above the refuse, creating better balance, less wear. Wear shoes easily replaced without removing pushout platen.

#### **F** Free-floating packing blade

Designed for split-cycle operation. Edge is made of tough, road-grader quality steel, for trouble-free operation.

#### **G** Overload-protected all-hydraulic system

Pumps 30 gallons p/m at 2000 psi, 1200

rpm. high-mounted 70-gal. oil tank has an easy-to-read sight gauge.

#### **H** Heavy duty construction

Sides have horizontal as well as vertical bracing. Floor, sides, roof and supports are designed for severe service.

#### **I** Split cycle helps reduce injury risk

1. When hopper is full, operator pushes curbside tailgate lever. Blade raises,

moves rearward, reaching for load.

2. When blade is 10 inches above sill, cycle stops automatically. It continues when lever is pulled the second time. Independent controls actuate or reverse any phase of cycle desired.
3. Blade sweeps down to floor, covering all refuse cleanly, with no spillage.
4. Blade draws refuse into main body with enough force to crush refrigerators. When cycle is complete, hopper is ready for another load.

### Container handling systems

Three container handling systems are available for use on Athey Rear Loaders. Each is equipped to handle various makes of rear loader containers. One is designed for the smaller one-to-three-yard containers used on most residential routes. The second is for containers holding up to 10 yards (illustrated at right). The third system is dual.



### Full-width grab rail, riding step

(not shown)

# KNOW THE ROUTE...

## OPTIONAL EQUIPMENT

### Hopper extension

Increases 2½-yard hopper capacity to 3.4 cu. yds., permitting you to load more in before each packing cycle. This shortens route time, saves hydraulics.

### Side door

Curb side hinged door, to facilitate service of the hydraulic system and ejection blade mechanics as desired. Size 30" x 34".

### Auxiliary engine

Available in either gasoline or diesel, to power the hydraulic system independent of the truck motor. Can be started from the truck cab or at the engine.

### Independent trailer unit

(Right, below) An innovative option to lower operating costs. With auxiliary engine, it frees the tractor for other duties while the trailer performs "on location." Operates from the tractor's power system, too, as a regular performer on the route (with a chassis that's "not just" a garbage truck!). Unique air suspension system permits lowering to 27" loading height as desired. Servicing the tractor or body is easier, too!

## 100,000 CYCLES...

That's how long we've tested the Athey Rear Loader packing system . . . approximately the equivalent of over 5 years of use on the route. Each unit we ship gets a rigorous test of its own, of course, and then, at random, the 100,000-cycle torture test, to make sure the not-your-fault downtime is kept at an absolute minimum.

In short, we expect from an Athey the same thing you expect from all your equipment. Performance.

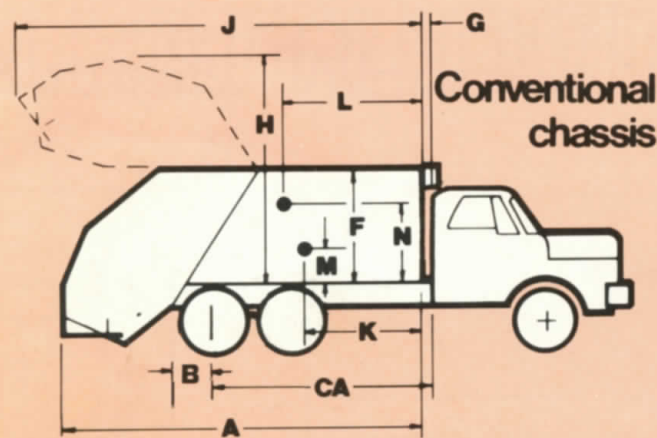
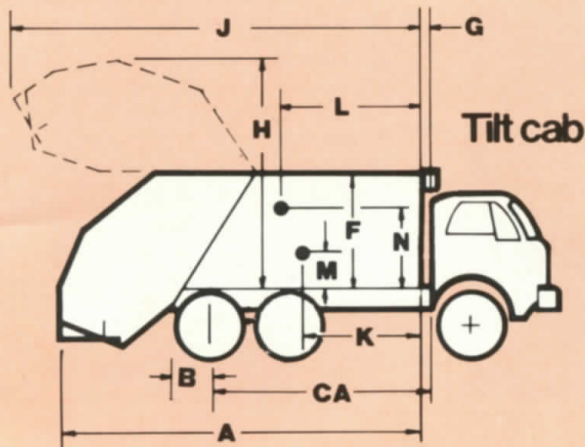


### 80-gallon washout tank & accessories

To keep your unit sanitary and "looking good." Operates off truck air pressure, so you can clean-up anywhere, and on a regular basis. That's good public relations!



# SPECIFICATIONS



	MINIMUM BODY SPECIFICATIONS			
	STANDARD		HI-COMP.	
	RL-16	RL-20	RL-25	HRL-25
A Front of body to rear of tailgate	226½"	254"	288½"	290½"
B Frame cutoff	32"	32"	32"	32"
CA Cab-to-axle, single axle min — Effective—Notes (B,C,D)	120"	144"	.....	.....
CA Rearmost axle, tandem axle min. — Effective—Notes (B,C,D)	.....	144"	180"	180"
F Body Hgt., above frame (see Note A)	92½"	92½"	92½"	93½"
G Cab Clearance min.	3"	3"	3"	3"
H Hgt., raised, above frame (see Note A)	167"	167"	167"	170"
J Overall lgh., tailgate raised	260"	287½"	322"	318½"
K C.G. of payload, horizontal	84"	97"	114"	114"
L C.G. of std. body, horizontal	99"	116"	134"	145½"
M C.G. of payload, vert., above frame (see Note A)	47"	47"	47"	47"
N C.G. of std. body, vert., above frame (see Note A)	42½"	43½"	43½"	43½"
Body width inside	90"	90"	90"	90"
Hopper width, inside	75"	75"	75"	75"
Weight std. body (in pounds)	12,850	13,350	14,300	16,500

## MINIMUM TRUCK CHASSIS REQUIREMENTS

	*	9,000	9,000	12,000
Front axle (Min. cap., in pounds)	*	9,000	9,000	12,000
Rear single axle (Min., in pounds)	*	23,000	.....	.....
Rear tandem (Min., in pounds)	*	34,000	34,000	44,000
Truck GVW (Min., in pounds)	*	41,000	43,000	56,000

## NOTES

- \*Minimum axle requirements will vary with chassis make, model and wheel-base. Contact factory for requirements.
- (A) includes 1" high wood sill.
- (B) "CA" distances must be clear of any obstructions, such as exhaust stacks and transmission dip sticks.
- (C) If CA or CT values are larger than the above, cab clearance will be more than 3".
- (D) Chassis with CA distances less than the above are not recommended for proper weight distribution, and require a higher mounting height.

## CAPACITIES (cu. yds.)

Body Sizes ..... RL-16—16, RL-20—20, RL-25—25, HRL-25—25  
Hopper ..... 2½ cu. yds.

## CONTROLS

Split cycle safety control on right rear. Scoop panel stops 10" above load sill pinch point during first cycle phase. Packing mechanism can be controlled at any point in the cycle. Complies with ANSI Z2451-1975.

Tailgate and ejection controls on left corner of body. Power takeoff control is cab-mounted. Buzzer signal at each rear corner.

## HYDRAULIC EQUIPMENT

Hydraulic pump ..... 30 gpm @ 2000 psi @ 1200 rpm\*  
Hydraulic oil reservoir ..... 70 gallons  
Oil filter ..... return line oil filter condition gauge with suction line strainer.

\*Some units, especially those chassis equipped with an automatic transmission, may require a 25 gpm pump.

## HYDRAULIC CYLINDERS

Telescopic ejection cylinder, double-acting:  
RL-16 ..... 5¾" ..... 2-stage  
RL-20 ..... 6¾" ..... 3-stage  
RL-25 ..... 7¾" ..... 4-stage  
HRL-25 ..... 7¾" ..... 4-stage

Packing cylinder (2), double-acting:  
RL-16, 20, 25 — 4½" bore, 48" stroke;  
HRL-25 — 5" bore, 47" stroke

Scoop cylinder (2), double-acting:  
RL-16, 20, 25 — 5" bore, 16" stroke;  
HRL-25 — 6" bore, 16" stroke

Tailgate cylinder (2), double-acting:  
RL-16, 20, 25 — 4¾" bore, 21" stroke;  
HRL-25 — 4" bore, 29" stroke

## PERFORMANCE CHARACTERISTICS

Cycle Time ..... 35 seconds  
Reload Time ..... 15 to 20 seconds

Pictures are illustrative only. Products must be used in conformity with safe practices and any applicable codes and regulations.

MM SOLID WASTE EQUIPMENT CO., INC.  
P O BOX 366  
DOVER, NH 03820  
TEL. (603) 868-2840

# Athey

## WASTE CONTROL SYSTEMS

ATHEY PRODUCTS CORPORATION  
P.O. Box 669, Raleigh, N.C. 27602 • (919) 556-5171  
TWX-510-920-1650