

*Atthey*

# CONTAINERIZED WASTE COLLECTION

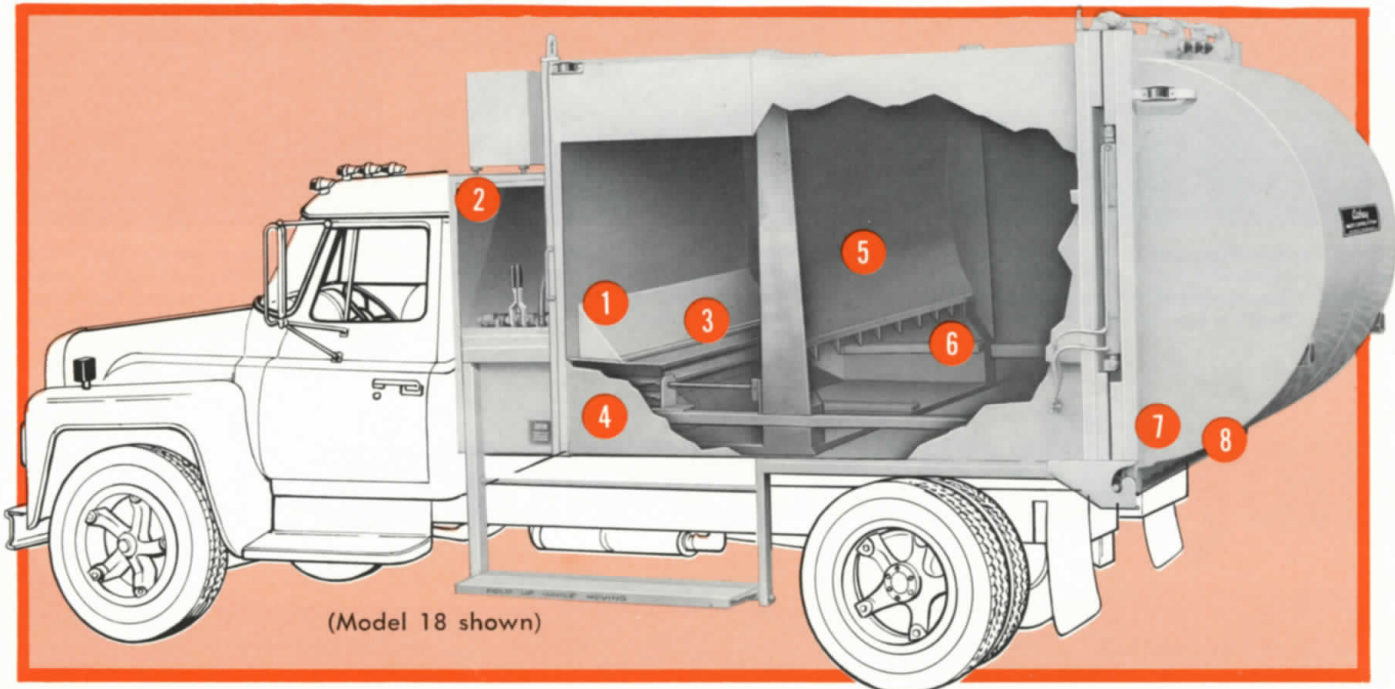
an automated  
one-man solid  
waste collection  
program



*Atthey*

WASTE CONTROL SYSTEMS

# This is the Athey TITE-PAK . . .



(Model 18 shown)

The basic body for Athey's CONTAINERIZED WASTE COLLECTION system is the famous TITE-PAK, in 18, 24 and 25 $\frac{3}{4}$  cu. yds. Its unique "load-while-you-pack" feature makes it ideal for fast, continuous operation on close-spaced routes.

(1) Separate packing blade packs at 35 psi (compares with 4 to 8 on conventional units!). (2) Slid-

ing cover permits continuous packing . . . no waiting, no "pinch point", no "shear point". (3) Manual packing controls. (4) Optional hydraulic lift can be mounted here (see below). (5) Separate holding blade prevents refuse fallback. (6) Floor of high-tensile steel . . . to last! (7) Hydraulic self-locking tailgate. (8) Watertight tailgate seal.

## A versatile "workaholic" . . .



(above) The "Clean Machine" that tackled Soldier Field . . . and won! It's a vacuum unit option that's great for cleanup of arenas, stadiums, parks, etc.

(below) Semi-automatic loading lift for barrels, containers, plastic carts. Can work simultaneously on opposite side of automatic system.



(above) Athey's "Leaf Loader" option, that makes quick, efficient work of a real community headache every Fall . . . with a lot less people and equipment!

(below) Manual-loading. Unit can be used manually on opposite side of automatic system.





Residential refuse handling is always a problem . . . or, it used to be! Containerized Waste Collection can change all that. Here's a job for the CWC-300.



Athey's "CWC" vehicles can handle 80, 90 and up to 300-gallon containers quickly, cleanly, with less expense. Note the level rise.



The "end user" will love it . . . the elderly, women, children alike. It's convenient, easy to handle, economical. 80-gal. container shown above left. 300-gal. on right.



Once  
trouble  
tainer,

# Athey's Containerized Was





Once the "CWC" system is organized, smooth, trouble-free service is the payoff. The right container, the right vehicle. A great combination!



The driver never had it so good! What's better, he's the only one involved! Compare this to your present system! Note the tight pickup between "a rock and a hard place."



This unit is picking up a 300-gallon container, ideal size for apartments, alley collection for close-spaced homes, light commercial use.

# Waste Collection..to help you con

**ATHEY MODEL  
CWC 300  
FOR 80, 90 AND  
300-GALLON  
CONTAINERS**

**Containerized Waste Collection** is synonymous with **Athey Waste Control Systems**, because Athey has (1) the famous TITE-PAK Side Loader that meets the needs of automated waste collection so beautifully, and (2) the smooth-working lift mechanism that fits like a glove.

Containerized Waste Collection was designed for private haulers and municipal operations, for residential and light commercial routes. Its simple, route-tested components are built for dependable performance on the route, day-after-day.

### **COST COMPARISONS WILL PROVE IT!**

Compare the cost of operating Athey's one-man automated system to your present 2, 3 or 4-man manual arrangement. Then consider this . . . the opposite side of the TITE-PAK is also a **manual side loader**, in case you need it!

And if initial investment is the argument, the truck chassis itself could be the convincing factor. The Athey TITE-PAK body requires a **much lower horsepower chassis** than the massive rear or front loaders in use today. That means **lower initial investment, lower operational costs.**

### **ATHEY . . . BETTER THAN "ARC-DUMP" . . .**

You've seen the type that reaches out for the container, and from the point of pickup **begins the dumping operation**. **SPILLAGE** results, of course, because the container is tilted **before** it is within the dumping cavity area. **Athey lifts the container vertically**, snuggles it against the dumping cavity, **then** deposits the material in the protected cavity area. Results? Virtually no spillage, greater customer satisfaction.

**Athey**

**WASTE CONTROL SYSTEMS**





Curbside deposit of garbage is a problem all its own. Sturdy, covered "CWC" containers prevent the above from happening while saving the extra expense of plastic bags.



Speaking of "a rock and a hard place," no need to worry about reasonably sized stones, roots, scrap lumber, etc. Athey's Containerized Waste Collection can handle most types of residential refuse without problem.



A fast trip to curbside . . . no lifting or struggling. Wheels easily around the property, for collection of clippings and debris.

# Control the cost of waste control...

**Six important reasons why the Athey Tite-Pak is the best truck for automated one-man waste collection . . . with any size container**

- ★ **Continuous packing cycle.** No waiting for the packer to "catch up" to the dumper. It's working all the time. That can be a real time saver on the route.
- ★ **300-gal. displacement per packing stroke.** CWC-300. That's important on a route with 300-gal. containers closely spaced (24A and 18A have 135 gal. displacement).
- ★ **Horizontal ejection.** It's faster and safer than "tilt-dump" vehicles at landfills, where the terrain is usually irregular and stability is important.
- ★ **Automatic one-man operation.** A built-in tolerance allows easy positioning of the truck, and the driver seldom finds it necessary to leave the cab. The powerful arms of the dumper mechanism do it all.
- ★ **Handles 80, 90 and 300-gal. containers.** We'll help you judge your route and plan your program. Athey's 18A and 24A lift 80 and 90-gal. sizes, the big CWC-300 lifts all sizes, including 300-gallon containers.
- ★ **Can be equipped for semi-automatic and/or manual dumping** at the opposite side. Semi-auto handles steel drums or containers up to 175-gal., as well as the popular wheeled plastic carts and similar tote-truck containers.



**ATHEY MODELS  
18A, 24A  
FOR 80 AND 90  
GALLON  
CONTAINERS**





For those who take pride in their neighborhoods (who doesn't!), the Athey system is a welcome idea. Neat, efficient, inspires better property maintenance.



Plenty of muscle to do the job . . . actually faster and cleaner than manual crews could hope to do it.



Horizontal ejection, the safest way to dispose of the load. That's important with a "TITE-PAK" load. They're **BIG!**

# ...and do a better job.



Athey's automated system features horizontal pickup and vertical lift (not "arc-dump"), to guard against spillage, litter and customer complaints.

# the containers...

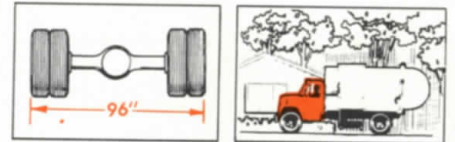
The 80 and 90-gallon containers are sturdy, easy-to-handle units with free-rolling wheels locked securely to the container itself, as is the heavy duty handle-hinge. Makes it simple to use and to move to the pickup site. These containers are balanced, rodent and pet-proof, with non-breakable hinged lids.

The 300-gallon size is designed for "semi-permanent" positioning, at an apartment site or strategically located among close-spaced single-unit dwellings. Also serves well for light commercial use. Handled by CWC-300 only.



# the truck...

A powerful yet economical unit that packs while you load, and continues to pack in transit. This really speeds up collection. An extra big oil tank assures continuous, smooth operation in high temperature situations. And most important, the body requires much less horsepower from the chassis to do the job, cutting down both initial investment and operating costs.



Where you can drive your car, you can drive your TITE-PAK. Just 96" wide, as little as 84" cab-to-axle. Short turning radius, lightweight, easy on gas and on customers' driveways.



# amazing capacity

Athey's "CONTAINERIZED WASTE COLLECTION" system is designed to handle a considerable number of average homes in one day. That's because of TITE-PAK's 35 psi packing ability... with no fallback. When you head for the landfill, you can be sure you're carrying a solid load. This saves time, fuel and maintenance costs.



# SPECIFICATIONS

CONSULT SALES OFFICES FOR APPROVED CHASSIS CONFIGURATIONS

## Type:

Stationary nontilting.  
Side loading with separate packing and holding blades. (Both are used to eject.)  
Rear, horizontal unloading.

## Size and Capacity:

Packer (yd.)  
Packing area (cu. yd.)  
Hopper (cu. yd.)  
Weight (lbs.)

| 18-A  | 24-A  | CWC 300 |
|-------|-------|---------|
| 18    | 24    | 25¾     |
| 14    | 20    | 20      |
| 4     | 4     | 5¾      |
| 6,500 | 7,900 | 9,400   |

## Hydraulics:

Packing blade cylinders (2)  
double acting  
Packing blade pressure  
per sq. in.  
Packing blade cylinder stroke  
inches  
Packing cycle (sec.)  
Push-out unloading blade  
cylinders, double-acting  
Oil operating pressure  
Oil tank capacity  
Relief valve

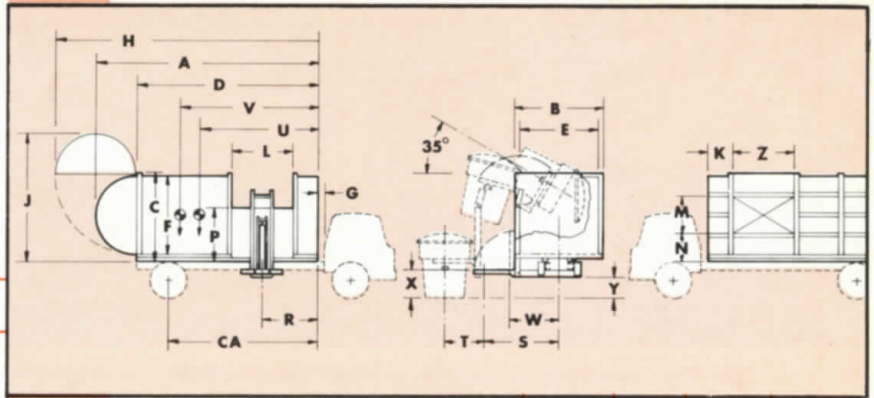
| 4" bore  | 4" bore  | 5" bore  |
|----------|----------|----------|
| 35       | 35       | 35       |
| 29       | 29       | 43       |
| 16       | 16       | 30       |
| 2½" bore | 2½" bore | 3" bore  |
| 1850 psi | 1850 psi | 1850 psi |
| 70 gal.  | 70 gal.  | 70 gal.  |
| 30 GPM   | 30 GPM   | 30 GPM   |

Pump delivery ..... 18 gpm to lift  
30 gpm to packer  
Filters—Return Line  
Suction Line Strainer  
Tailgate cylinders (inset) (dual, 2-way)  
Tailgate—hydraulic open/close/lock

## Body:

18A & 24A—Packing blade, 10-ga. Hi-tensile steel working in 10 ga. Hi-tensile steel compartment.  
Body floor 10 ga. hi-ten, tailgate 12 ga. steel.  
CWC-300—Packing blade, 3/16. Hi tensile steel working in 3/16" Hi-tensile steel compartment.  
Body floor 10 ga. hi-ten, tailgate 12 ga. steel.  
Unloading blade 12-ga., body sides 14-ga.  
Body top, 14-ga.  
Safety hand holds, on stepside.  
I.C.C. regulation clearance lights, reflectors.

| CA & Axle Recommendations                | 18-A  | 24-A  | CWC-300 |
|------------------------------------------|-------|-------|---------|
| CA Back of Cab to Ctr. Rear Axle Min.*** | 120   | 138   | 160     |
| Front Axle Min. Capacity in lbs.         | 9000  | 12000 | 12000   |
| Rear Axle Min. Capacity in lbs.          | 17500 | 18500 | 23000   |
| Chassis GVW Min. Capacity in lbs.        | 26500 | 30500 | 35000   |



| MODEL NUMBER                                                   | 18-A  | 24-A | CWC 300 |
|----------------------------------------------------------------|-------|------|---------|
| A Overall Body Length                                          | 191"  | 208" | 240"    |
| B Overall Body Width                                           | 96"   | 96"  | 96"     |
| C Overall Body Height (Above Chassis Frame)                    | 84"   | 99½" | 99½"    |
| CA Back of Cab to Center Rear Axle Minimum***                  | 120"  | 138" | 160"    |
| D Body Length                                                  | 157"  | 165" | 197"    |
| E Inside Body Width                                            | 84"   | 84"  | 84"     |
| F Inside Body Height                                           | 66"   | 82"  | 82"     |
| G Cab Clearance (Min.)                                         | 3"    | 3"   | 3"      |
| H Overall Body Length With Tail Gate Raised                    | 236"  | 260" | 292"    |
| J Tail Gate Height (Raised) Above Chassis Frame                | 103"  | 127" | 127"    |
| K Front of Body to Side Door Opening                           | 16"   | 16"  | 46"     |
| L Side Horiz. Opening (Lift Side)                              | 44"   | 44"  | 66"     |
| M Side Door Vertical Opening (Street Side—St'd)*               | 49"   | 49"  | 33"     |
| N Bottom of Side Opening to Top of Chassis Frame (Left Side)*  | 27"   | 27"  | 32"     |
| P Bottom of Side Opening to Top of Chassis Frame (Right Side)* | 37"   | 37"  | 60"     |
| R Front of Body to Center of Dumper                            | 38"   | 38"  | 62"     |
| S Center of Body to Center of Container in Lifting Position    | 65¾"  | 65¾" | 82"     |
| T Horizontal Reach of Dumper                                   | 42"   | 42"  | 36"     |
| U Front of Body to Body Center Line of Gravity                 | 66"   | 72½" | 93"     |
| V Front of Body to Payload Center Line of Gravity              | 120½" | 127" | 153½"   |
| W Center of Body to Dumper Lifting Tongs (Stowed Position)     | 64"   | 64"  | 55"     |
| X Top of Lifting Tongs to Ground (Min.)                        | 26"   | 26"  | 26"     |
| Y Ground Clearance                                             | 13"   | 13"  | 11"     |
| Z Side Door Horizontal Opening (Street Side—St'd)*             | 44"   | 44"  | 49"     |

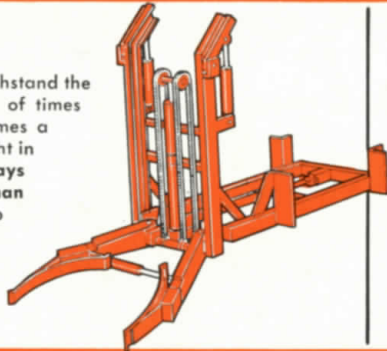
\* Note:—CWC Dumper can be mounted on either side.

Right side is standard, Left side is optional.

\*\*\* CA Distance must be clear of obstructions, such as exhaust stacks, shift linkages, transmission dipsticks, etc.

## THE MECHANISM

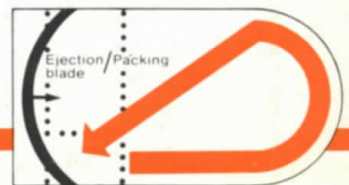
Sturdy steel components, to withstand the grab-lift-dump cycle hundreds of times a day, many thousands of times a year. Controls are mounted right in the cab, and the operator stays right there . . . a true one-man operation. Unit is designed to grab, dump and return container in seconds.



## ATHEY'S CONTINUOUS PACKING CYCLE

The upper blade of Athey's patented 2-blade action holds and prevents fallback while the lower blade "pumps" refuse from the hopper into the packing area. It compacts with a pressure of 35 psi.

Single blade models cannot prevent fallback



SOLD AND SERVICED BY:

# Athey

## WASTE CONTROL SYSTEMS

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