



BOSTON

Adopts ATIA Equipment
For Ash, Garbage and Rubbish Removal

Patented and
Manufactured

by

ATIA CORPORATION
150 Broadway, New York City



New Ash and Garbage Truck Loads Refuse Automatically

Last Word in Economical, Sanitary, Cleanly Collection



Easily loaded. Only 30 in. lift above curb required.

Obnoxious odors would not be wafted into the nostrils of the public, nor dust nor dirt into their eyes if your community was provided with a garbage, ash and rubbish removal truck such as the one illustrated.

This last word in refuse collection equipment is so designed as to eliminate the service of two men on each garbage collection truck under methods now generally in use. The body consists of a large tank and somewhat resembles a tank on a water wagon. The truck is capable of holding from 5 to 6 tons of garbage

or ashes. It works automatically.

On the side nearest the curb there is a long bucket, or hopper. This bucket lowers to a point requiring only a 30 inch lift for a receptacle to be dumped into it. When the bucket, or hopper, is full, a lever is operated from the driver's seat and the bucket is drawn up with heavy chains by the motor where it enters a hood at the top and the contents are deposited into the tank.

The bucket so fits into the opening at the top of the tank that there is no flying dust or dirt during the dumping process and after the bucket withdraws, a metal curtain automatically drops, confining the dust or odor. The bucket may be filled as it stands at the curb or moves slowly along the street. When filled, it may be dumped in the tank while proceeding from one group of cans to another. At the dump, the huge door at the rear is automatically unlatched, the body is hoisted to an angle of 45 degrees, the door swings open and the contents slide out.

This up to date method of handling refuse matter makes for tidy streets and less danger to the public health. It means less dirt on the streets less dirt on porches, less dirt on clothing and less dirt generally. Furthermore, the rapid loading, automatic distributing and the greater capacity of the truck means less equipment needed, fewer trips to the dump and less labor to pay.

New York, Boston and other large cities have recently tested out this equipment and it is coming into use elsewhere. If these leading cities have approved and adopted this new equipment after testing it under all varying conditions, it will doubtless be but a short time before such equipment will be used generally by all of the smaller cities and towns.

Some interesting comparative collection costs under present methods, gathered from various parts of the country, are given below.

Comparative Costs—All Present Methods.

Atia Equipment with Crew of 2 Men
Auto Trucks (New York City), Crew of 4 Men
Trailers (Memphis, Niagara Falls, Milwaukee)
Auto Trucks and Horses (Philadelphia)
Horses Alone (Milwaukee)

Removal Cost per cu. yd.

(8 Cu. Yd. Body) \$.17 to \$.22
(6 Cu. Yd. Body) .70 " .75
(4 Cu. Yd. Body) .70 " .72
Ashes Only .81
1.54

ATIA alone offers a **SANITARY**, entirely **ENCLOSED** Body.
ATIA alone offers **AUTOMATIC** Loading and Distribution.
ATIA alone can cut **YOUR** Collection Costs in Half.

NOTE.—This apparatus is fully covered by patents. Any infringement will be vigorously prosecuted.

ATIA Ash and Garbage Remover

ANALYSIS OF COST

EQUIPMENT REQUIRED (ESTIMATED)—1 Atia machine per 10,000 population (less in congested areas) based on average distance to dump or incinerator of 1½ miles, total mileage covered daily (estimated), 36 miles, receptacles set out at curb without labor cost, 8 loads carried daily of 8 cu. yds. each, or 64 cu. yds.

Daily Cost of Operation—Per Truck

	Cost Per Truck.	Cost Per Cu. Yd.
12 gal. gasoline @ 20c. (based on 3 miles to gal.)	\$2.40	
1 qt. oil @ 70c. per gal. (wholesale).....	.18	
Truck upkeep (estimated by mfrs. @ 2½ to 3c per mile)	1.08	
Labor, Driver @ \$35 per week.....	6.00	
" 1 Crew of 2 loaders for each		
2 machines @ \$24 per week per loader	4.00	
Cost for collection of 64 cu. yds.	\$13.66	
Cost per cubic yard		\$.213

Daily Cost of Equipment Investment

Based upon complete equipment on suitable truck of well known make
@ \$9,555 charged off to depreciation in 10 years or 3,120 work-
ing days

.....	\$3.06	
Total cost per day per truck for operation including investment	\$16.72	
Cost per cu. yd. removed (on investment only).....		\$.048
Total cost per cubic yd. (including investment).....		\$.261

NOTE.—Above figures based on actual performance of ATIA machines repeatedly demonstrated. Total number of loads possible to carry daily will be more or less dependent upon greater or less distance from dump and mileage required to be covered for pick-up. Total equipment required depends upon number of loads of ashes, garbage or rubbish (or all three) to be collected, the ratio of miles to be covered per 1,000 population, and whether refuse is collected from the curb or from back yards and basements. Loading time, 8 cu. yds. in 20 to 25 minutes with 2 loaders in cities where receptacles are set out at curb and houses or buildings are close together.

GUARANTEED to Cut Collection
Costs in Half

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Table of Collections

(Based on New York City Collections During 1924 of ASHES, GARBAGE and RUBBISH)

Population—6,000,000. Total Refuse Collected—4,805,615 Tons, Consisting of
ASHES—3,214,651 Tons, GARBAGE—1,131,954 Tons, RUBBISH—459,000 Tons

(Ashes—.669%, Garbage—.235%, Rubbish — .096%)

Weight Per Cu. Yd.: Ashes—1,350 Lbs., Garbage—1,000 Lbs., Rubbish, 145 Lbs.

	TONS Per 1,000 Population			CUBIC YARDS Per 1,000 Population			POUNDS Per 1,000 Population		
	Yearly	Weekly	Daily	Yearly	Weekly	Daily	Yearly	Weekly	Daily
Ashes	536	10	1.42	794	15.27	2.18	1,072,000	20,615	2,945
Garbage ...	189	3.63	.52	378	7.27	1.04	378,000	7,269	1,039
Rubbish ...	76.5	1.46	.21	1,055.2	20.29	2.90	153,000	2,942	420

Demonstrations Prove Savings

HERE are two specific examples of the remarkable performance which ATIA equipment offers your city.

DEMONSTRATION AT CAMDEN, N. J. On ashes and rubbish one ATIA machine did the work of four regular horse-drawn trucks during an 8-hour run.

Refer to J. A. CONNELL, JR., *Supt. of Streets*

DEMONSTRATION AT HARTFORD, CONN. On straight garbage one ATIA machine did in 3½ hours the work regularly requiring 2 horse-drawn trucks 8 hours to do.

Refer to LEON F. PECK, *Supt. of Streets*.

The outstanding advantages of this automatic-loading and entirely enclosed, sanitary equipment are unquestioned. And the Public and Health Boards are unanimously in favor of this equipment wherever shown. That your city will not want to effect these savings made possible is unbelievable. That your city will want to continue with the present, slow unsatisfactory, unsanitary methods now generally in use, is inconceivable.

Would it not be a credit to your city to adopt ATIA equipment NOW?



*“The Sanitary System that
Cuts Collection Costs”*

Patented and Manufactured by Atia Corporation, 150 Broadway, New York City, U. S. A.

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