



**REFUSE**

**CONTAINER**

# **BULK LOADING SYSTEM**



**FOR**

## **Fore and Aft Tipping Models**

SHELVOKE AND DREWRY LIMITED · LETCHWORTH · HERTS



# Container Bulk Loading

The current trend towards lighter and more bulky refuse is creating ever-increasing opportunities for the introduction of large size containers to improve collection service and at the same time reduce costs.

The effectiveness of this method is to a very great extent influenced by the rapidity with which the containers can be discharged without spillage or dust emission and the proven success of the **SD** Fore and Aft Tipping Container Bulk Loader is in itself a guarantee of satisfaction.

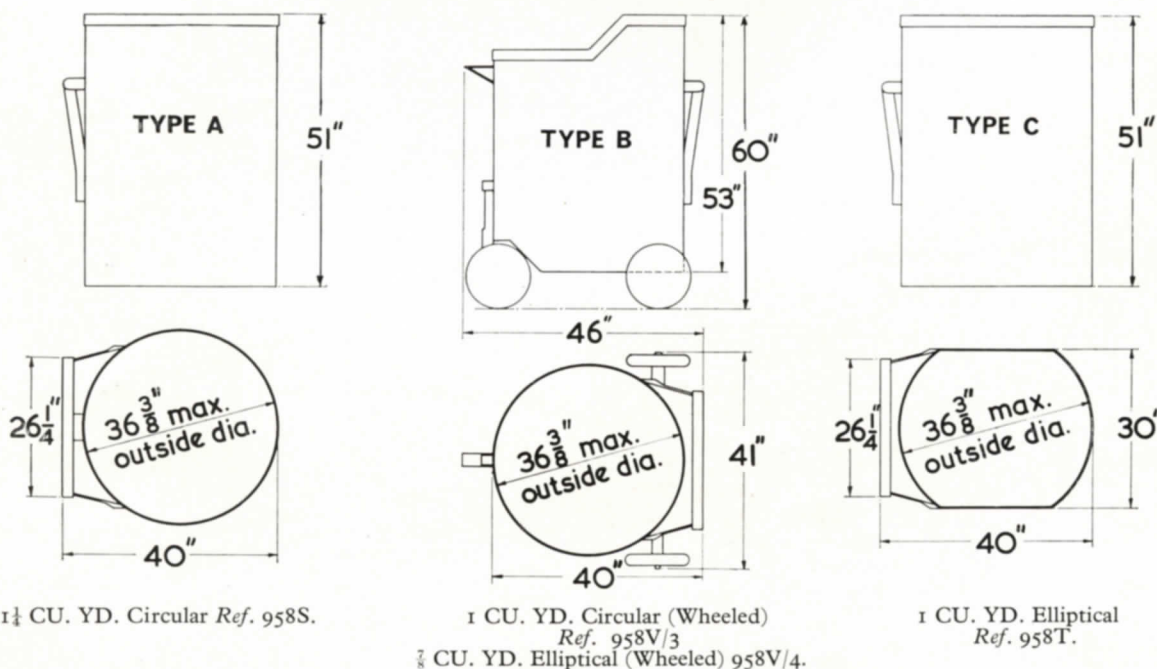
Further eloquent testimony of the efficiency of this system, first introduced in 1953 and developed during the interim, is the fact that it has been adopted by more than 150 Local Authorities, many of whom have entrusted us with repeat orders.

The principle of lifting and tilting the container is extremely simple, the cradle which performs this function being mechanically linked to the forward tipping of the body and, therefore, the operation is virtually automatic.

The container is raised to a position which ensures that the refuse is emptied cleanly under sealed conditions and discharge into the body is both immediate and complete.

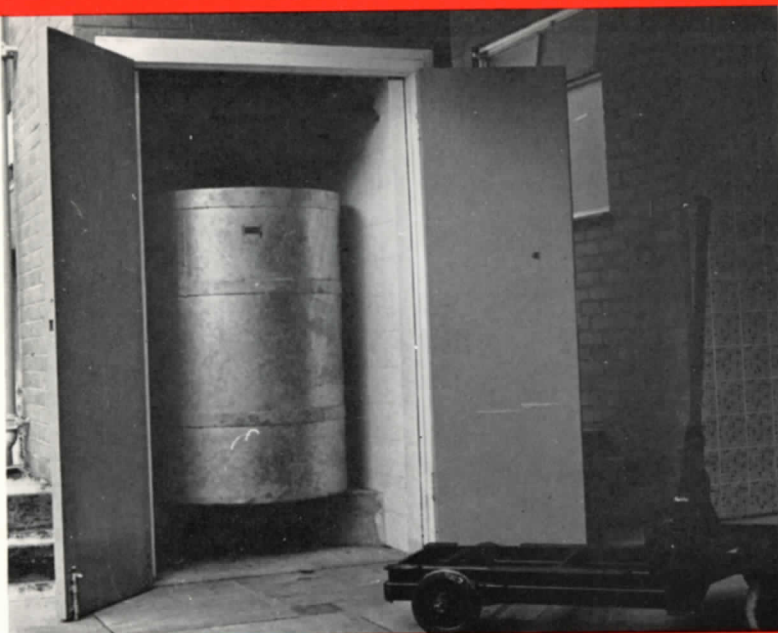


## PRINCIPAL DIMENSIONS OF CONTAINERS





# CONTAINERS AT MODERN FLATS



## TOTALLY ENCLOSED REFUSE STORAGE

The containers at flats, usually of  $1\frac{1}{4}$  cubic yard capacity, are, of course, housed in built-in chambers and can either be fitted with wheels for transit or brought out by trolleys which, in some cases, are kept on site at each block of flats, but more generally carried in a special cradle on the vehicle. Containers without wheels stand on 9 in. sills.

Within the chamber, immediately above the container, there is a cut-off to the refuse chute and in addition to the housing of a single container the system is equally successful where turn-tables are embodied controlling a number of containers.

## A Typical Example of Modernisation



## New Standards of Cleanliness and Efficiency of Refuse Storage and Collection Service at Industrial premises

At factories, hotels, shops and schools etc. containers can replace domestic type dustbins and in this field there is considerable scope for improvement in many areas.

The  $1\frac{1}{4}$  cubic yard capacity containers are fitted with covers and hinged lids for filling, one of which is shown open for illustration purposes.

These two containers were installed to obviate the bad conditions shown here which are **"OUTDATED, UNHYGIENIC, UNTIDY.** There are undoubtedly many such eyesores" to be encountered or avoided in the future where the advantages of exchanging the old for the new will be obvious.



**Outdated, Unhygienic, Untidy** ▶

# ***Refuse Collection in Narrow Back Entries by the use of Wheeled-Type Containers***



In many cities and towns, particularly in industrial areas, there are numerous old-fashioned properties where the access to the household bins is by way of extremely narrow back entries which presents a special problem to the Cleansing Officer.

To meet this condition, an ideal solution is to employ wheeled-type Containers that when filled can be bulk loaded into the vehicle standing in the main street.

The Containers are wheeled along the passages and loaded from the bins with a minimum of effort and walking distance on the part of the operators.

By the use of this system, in comparison with the carrying of skeps or bins to the vehicle, a reduction of as much as 70 per cent of the collection time can be achieved.

To lower the loading line of the container shown in the accompanying illustration, either the height can be reduced or a cut-away type can be supplied—See Container type “B” on page 2.



**A System to Save TIME and  
MONEY introduced by**





## SIMPLICITY OF OPERATION

The **SD** type containers are fitted with robust lifting attachments which locate easily on the equipment mounted at the rear of the vehicle.

The container is wheeled to the machine and pushed into position where it is secured by a hand-operated safety lock and when the body commences to raise an additional automatic lock comes into operation.

The container discharges as the body moves into the forward tipped position and during the process of emptying is enclosed by the dust cover and rubber sealing arrangement.

When the body returns to the 'down' position, it is necessary only to raise the safety locking mechanism to release the container.

The entire cycle of operation therefore involves the minimum of manual effort and there is no complicated secondary hydraulic mechanism to contend with.

ATTACHMENTS ALSO AVAILABLE FOR LOADING OF CONTAINERS OF OTHER SPECIAL TYPES



## ADAPTABILITY FOR DUAL-PURPOSE USE

In many instances, where only a limited number of large size containers are in use, it is necessary to employ the machine for the collection of ordinary household bins and special attention has been given to the design to meet this requirement.

The rear dust cover is carefully spring-balanced to be fully raised easily and is secured in this position by robust supports. A full-width hopper is thus available for bin loading and the container lifting mechanism, when in the retracted position, presents no obstacle to the operators.

The rake height is 4 ft. 6 ins. and this ready access to the hopper is invaluable for loading articles too large to be accommodated in either bin or container.

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**The Unique**



**After-Sales Service**

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**Covers the Country**

**THE IMPORTANCE OF SERVICE**

It must be recognised that in the long term the efficiency of any item of mechanical equipment is governed largely by the promptitude of the servicing arrangements and we take pride in the facilities we offer to ensure maximum time on the road. In addition to designing with reliability in mind, it is accepted as an obligation that when required our After-Sales Service must be of the highest possible standard and we are encouraged that our efforts in this direction have contributed very largely to the pre-eminent position we are privileged to enjoy among Local Authorities.

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