

THE GOVERNMENT
WORKING PARTY
REPORT 1967

8/69

MINISTRY OF HOUSING AND LOCAL GOVERNMENT

Refuse Storage and Collection

..... Recommends

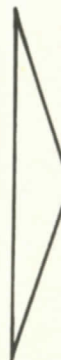


What

DENNIS

Introduced

In
1962!



Continental Dustless Loading.

+ Rear loading Refuse vehicles
with continuous compression.

+ Plastic Dustbins.

= the **DENNIS**
system

Stage 1



The Dennis 25/40 cubic yard Paxit IIIA or 35/50 cubic yard Paxit Major IIIA with continuous loading two stage compression mechanism can deal quickly and efficiently with bins for normal manual collection. The design enables the vehicles at a later date to be modified as necessary to stage 2 or 3, allowing the gradual introduction of dustless loading to take place within the authority.

Stage 2



The Dennis Paxit fitted with one dustless shutter for use with hinged lid bins, leaving space at one side for manual loading, normally used where a pilot scheme is operating in an area which is not completely dustless.

This vehicle equipped with only one shutter can be used in a completely dustless area for dealing with hinge lidded bins and also small amounts of trade refuse where bulk containers are not justified.

The vehicle can be modified to stage 3 when required.

Stage 3



The Dennis Paxit equipped with two dustless shutters for use in a completely dustless area. using the lightweight Dennis plastic bins, a high rate of loading can be achieved without fatigue to the loaders, litter in the wake of the vehicle or damage to the bins.

The Bin



The Dennis hinged lid bin is made from Polypropylene. It is injection moulded giving thickness and strength where needed. The handles are an integral part of the bin and the lid cannot be removed or "lost", ensuring that the refuse is kept dry.

Although only 12 lb in weight it has a capacity of $3\frac{1}{4}$ cubic feet. It is easily cleaned and quiet to use. There is no danger to loaders from ragged edges and the tapered body design enables complete discharge of refuse without the usual banging of the bin.

The bin is less liable to damage because of its tough resilient plastic properties.

It is also available with detachable lids if required.

The Loader

The DENNIS plastic bin of 3.2 cubic feet capacity weighs 12 pounds. The average metal bin weighs 26 pounds. With the Dennis bin there is therefore a saving of 14 pounds. Assuming a loader lifts 160 bins per day, this amounts to $160 \times 14 \text{ lb.} = \text{ONE TON} - \text{QUITE A LOAD OFF HIS BACK EACH DAY!}$

The Problem

The introduction of a dustless loading system has been the subject of past debate, because

- (a) It was thought that a heavyweight bin would have to be used.
- (b) The system involves the introduction of a municipal bin scheme

The Solution

- (a) The Dennis plastic bin is in fact 14 lb. lighter than a normal bin!
- (b) The working party report recommends that Local Authorities should supply bins for domestic refuse.

Our Policy is one of continual improvement - this specification is intended as a guide and should not be taken as binding in whole or in part.

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Publication No. NS 1125
Code No. D1167/6.6d.

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