

Compact

Refuse Collection Vehicles



DENNIS EAGLE LTD
DESIGNED WITH YOU IN MIND

Compact

Dennis Eagle's history goes back over 100 years with continuous involvement in the manufacture of specialist vehicles 'tailor made' to exceed our customers expectations. With particular strengths in the areas of design, manufacture and support of refuse vehicles, Dennis Eagle was the first in the sector to introduce the stainless steel cab, the low-entry cab and automatic transmission. In 1998 Dennis Eagle was the first company in the world to launch an integral on-board-computer system to manage the engine's response to body power demands.

In December 2000, Dennis Eagle purchased Jack Allen (Refuse Services) Ltd which extended our product range and after-sales provision providing a total of nine service centres and the largest number of service engineers in the UK.

No competitor can provide the quality of product and innovation of design offered by Dennis Eagle or the option of a complete vehicle designed and manufactured in the UK. Our extensive service provision and focus on after-sales care are complemented by one of the most modern manufacturing facilities in Europe. Dennis Eagle offer our customers either complete vehicle, chassis or body with one consistent feature - the knowledge you are choosing the best.

Customers focusing on the lifetime costs of their vehicles and operational support (training, service, parts supply, etc) choose Dennis Eagle time and time again as we are consistently proven to be the right choice.

Compact

The Dennis Eagle Compact is constructed to the same material strength and exacting standards as the larger RCVs in the Dennis Eagle range.

However, because of its physical size it is able to tackle all those little jobs that the larger refuse vehicles cannot do.

It is designed and constructed to provide reliable life long service in restricted access areas or where the total load does not warrant a physically larger refuse vehicle.



Handles the full range of plastic containers. with 240 & 360 litre capacity.



Slide cylinders mounted externally avoids damage and enables easy maintenance.



Features

Manufactured in one standard body size of 8m³, the Dennis Eagles Compact features as standard:

Compaction Body

- Fabricated using abrasion resistant high tensile steel to prolong working life.
- Ejector blade which runs on easily replaceable slide blocks.
- Nearside interlocked body access door.
- Slide cylinders externally mounted within an easy access cover.

Compaction Mechanism

- Hydraulically operated and featuring a proven packer assembly.
- Proximity switches mounted in nearside blade cylinder - avoids the requirement for regular adjustment.
- Runs on easily replaceable composite slide blocks.

Hopper

- 1.3m³ (swept volume) capacity low loading height fixed hopper that easily caters for bulky items
- Includes drainage port.

Controls

- Electrical control stations fitted both sides.
- Tailgate lift and ejection controls are fitted to the front offside for ease of access.
- Two button control at rear offside to lower tailgate.
- Programmable logic control (PLC) for precision control.

Safety Features include:

- Emergency stop buttons
- Emergency stop bar (open back only).
- Automatic tailgate locks and integral tailgate safety prop to allow safe cleaning and maintenance.
- Amber warning beacons fitted to front and rear.
- Audible tailgate raise warning system.
- Rear view camera.
- Full CE certification.

Chassis

The refuse body and equipment can be mounted on to an appropriate refuse specification chassis of the customer's choice (10 to 14 ton gwv dependent on legal payload requirement) - subject to suitability.

Cycle Time

18 seconds.

Warranty

Full 12 month parts and labour warranty. Additionally, full after care support is available. Indeed, we offer a full Contract Maintenance Agreement to cover all routine maintenance through to accidental damage repair for those who, for whatever reason, prefer to contract out such work.

Options

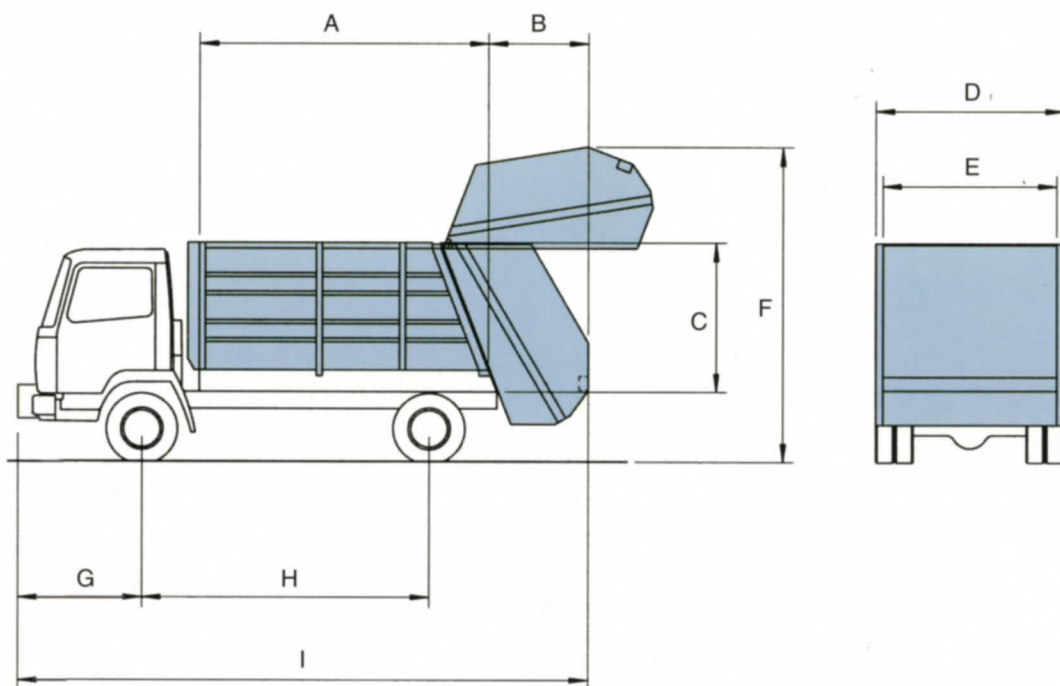
A suitable low level split or bar lift hoist for standard plastic containers ranging in size from 120 through 1100 litres.

range of
rs. Seen here
litre bins.

Lifts and fully discharges 1100 litre roll top containers. The compaction module can be cycled when containers are in the fully tipped position.



Ejector plate showing bolt-in bolt-out slide blocks.



Specification

Body Type	Ja Compact
A Body Length = mm	3320
B Tailgate Length* = mm	1050
C Height above Chassis = mm	1700
D Overall Body Width = mm	2150
E Width inside Hopper = mm	1800
F Overall Height Tailgate Raised** = mm	3587
G Front Overhang** = mm	1480
H Wheelbase** = mm	3300
I Overall Vehicle Length** = mm	6500
J Rave Rail Height** = mm	N/A
Vehicle GVW = kg**	13000***
Unladen Weight = kg**	7400**
Normal Volume of Body = m ³	8
Swept Volume of Hopper = m ³	1.3

* Behind rear axle, with no bin hoist.

** Chassis: Leyland Daf FA55 series, plated for operation at 13,000 kgs GVW.

*** Dependent on operation, payload may be limited by body capacity - Not GVW minus tare weight.



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E & O.E All information in this document is correct at the time of printing. However, changes in legislation or technology could mean alteration or improvements to the specification. 26.02.01

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