

OLYMPUS NEW GENERATION TRUCK



DENNIS EAGLE LTD
DESIGNED WITH YOU IN MIND

ROS ROCA ENVIRONMENT

Founded at the end of 2007 Ros Roca Environment is formed by the worlds' leading companies in the environmental sector: Ros Roca (Spain), Dennis Eagle (UK), Usimeca (Brazil and Chile), Eurovoire (France), Schörling (Germany) and Resitul (Portugal).

Through Ros Roca Environment, these companies cover the entire integral waste cycle process by focusing their business activity on three main areas:

- Manufacturing capital resources for pavement cleaning and waste collection.
- Designing, developing and manufacturing engineering processes, from the transfer plants, selection and sorting, composting, anaerobic digestion and incineration.
- Designing, developing and manufacturing waste collection through pneumatic transportation systems.



EUROVOIRIE

ROS ROCA



RESITUL

usimeca

www.rosrocaenvironment.com

www.dennis-eagle.co.uk



CHARACTERISTICS AND BENEFITS

OLYMPUS BODY RANGE

Dennis Eagle are proud to announce the launch of Olympus – based on the proven Phoenix 2 design.

Building on the success of the Phoenix 2 body, the Olympus includes a number of new and enhanced features which comply with legislation changes to the Machinery Regulations Directive (2006/42/EC) effective from December 2009 and for EMC (Electro Magnetic Conductivity) compliance, whilst also meeting the proposed changes to the safety norms prEN 1501-1:2009 and prEN 1501-5:2009.

At first glance it is hard to distinguish between the Olympus and Phoenix 2 products, with visible differences only apparent with the new larger electrical control box at the nearside front of the body and a higher IP rating (IP69) to the electrical control buttons to improve waterproofing.

Body and Tailgate structures continue to use high yield alloy steels for strength and wear resistance, setting the standard within the waste industry by using an 8mm tailgate floor plate and 7mm tailgate side plates in Hardox 400 as standard.

Hydraulics have been updated by employing proportional controls for reduced noise and operating temperature, whilst enhancing the

packing system logic for more efficient waste density control, direct from the in-cab CANBus display.

Larger Electrical Junction Box

A more powerful single CANBus processor is installed, with a new PCB to provide for UK and European norms of operation.

Many features are now standardised within the control system for 'plug & play' operation and to provide an enhanced diagnostics capability and maintenance tools.

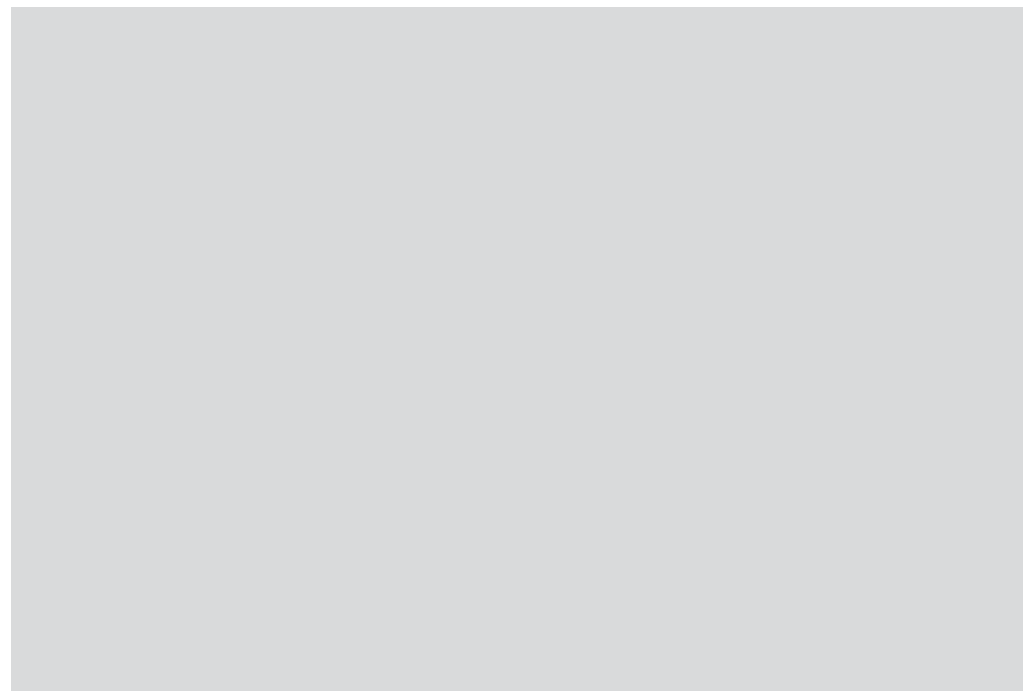
The need for a separate tailgate processor and additional input/output boards are eliminated. The system is also prepared for the CleANopen CANBus protocol. (Due for introduction in 2010)

Improved Control Stations

To comply with legislative changes, the driver can choose which control station is functional (F4 - see left) to minimise the risk of accidents for crew when working in traffic.

A green LED illuminates at the powered control station to show status is ON.

Manual over-ride buttons are now fitted as standard for each of the packing cycle functions to cope with bulk waste & recycling operations.





WHAT'S NEW

- New eject barrier shape to optimise packing density.
- New proportional body control valve with pressure filter.
- Variable compaction control from the cab display.
- Tailgate position monitored by a new encoder for greater control capabilities.
- New regenerative packing valve for faster, quieter cycle.

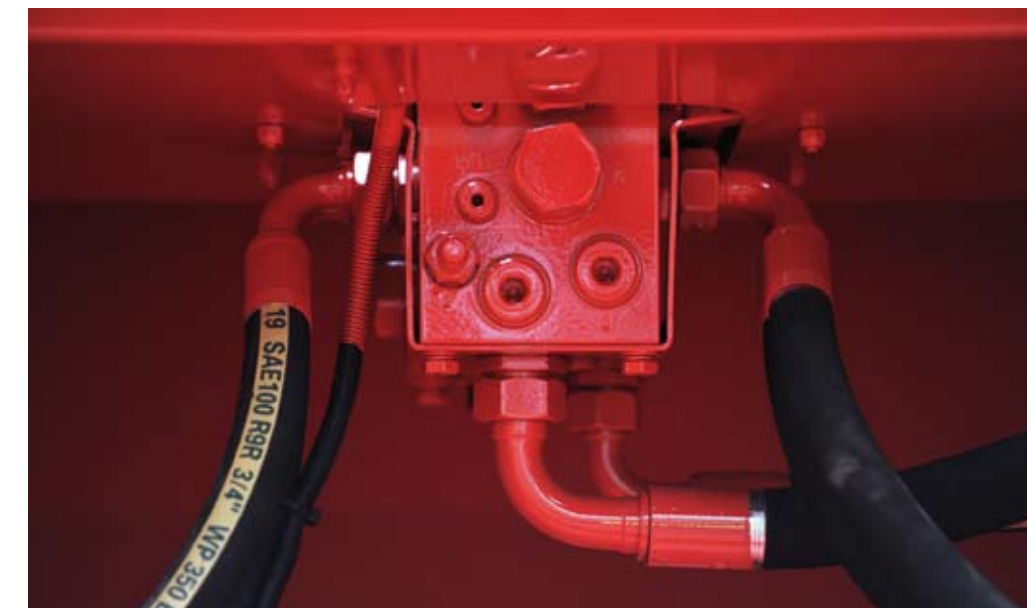
TAILGATE SWEEP VOLUMES

Standard Tailgate

2.25 m width (N) 2.4 m³
2.53 m width (W) 2.8m³

High Capacity Tailgate

2.53 m width (W) 3.07 m³



Body Sizes -2.53m width	OL-13W	OL-16W	OL-19W	OL-21W	OL-23W	OL-27W
Body useful capacity in m ³	13	15.6	18000	21.4	23.2	26.5
Body Sizes -2.25m width	OL-10N	OL-11N	OL-14N	OL-16N	OL-19N	
(Capacities as per prEN1501- 1:2009)	10.3	11.3	(Capacities as per prEN1501- 1:2009) 10.3 11.3 13.6	16.2	18.7	

WHERE WE ARE

With a British engineering heritage that dates back to the turn of the last century, the company has become a UK market leader with a rapidly expanding customer base in Continental Europe, Scandinavia and the rest of the world.

Dennis Eagle designs and manufactures vehicles for people. It is the changing needs of our customer that drive our business and shape the way our vehicles look and perform.

By constantly monitoring the waste management industry and listening to what our customers say, nobody is more up to date with current environmental and safety issues or better placed to provide solutions.

Our 600 strong team is extremely proud of the work it does and this is reflected in all aspects of our operation. We constantly strive to develop quality products that exceed expectation in terms of performance, cost and delivery.

Our vehicles really are designed with you in mind.



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