

# OLYMPUS MIDI

SMALL FOOTPRINT, BIG PAYLOAD.



Discover the Olympus Midi: the new member of the market-leading Olympus family.

Incorporating all the iconic features of the Olympus product range, the Midi offers an exceptional payload and fits perfectly to a 12-16t chassis.

Every detail of the Olympus Midi has been meticulously designed to comply with the rigorous EN-1501 standard, guaranteeing maximum quality and safety.

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1 Full height tailgate seal



2 Small rear overhang



3 High compaction capacity



4 External compaction cylinders



5 Easy access electrical control panel

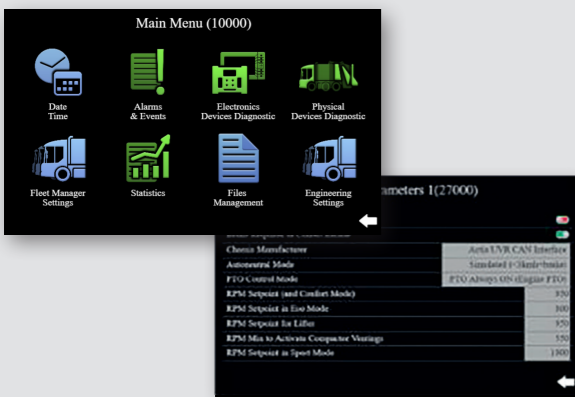
## OLYMPUS MIDI - KEY FEATURES & BENEFITS

- **Small footprint. Big Payload.**
- **Robust design and lightweight construction:** premium quality and high-strength materials make the Midi a robust unit.
- **Configurable HMI display:** the majority of body functions can be quickly and intuitively accessed from the cab.
- **Diversity of models:** available in three different body sizes.
- **Can be fitted with a Terberg automatic bin lift**
- **Reduced environmental impact:** low noise emissions.
- **Compliance with EN-1501 regulations.** This includes risk prevention, energy efficiency and protection of the environment.
- **Safety in the workplace:** equipped with emergency stop controls, interlocking devices, side access door for inspection and an ergonomic design.
- **Total cost of Ownership:** the Olympus Midi benefits from a simple maintenance schedule. and low total cost of ownership.

### Configurable HMI display:

All our Olympus models are equipped with a multi-function control monitor installed in the cab which allows intuitive configuration of the different body functions:

- Tailgate, packer plate, ejector plate, bin-lift movements and waste type are configured from the cab.
- Integration of underbody weighing systems shown in the same display with real-time information.
- Auto diagnostic system integrated in the display with information regarding body operating status. Includes alarms in the event of malfunction.
- Alarm log. The systems stores up to 2000 alarms in order to facilitate the generation of diagnostic reports.
- Possibility to configure as a 7" rear camera screen.



## OLYMPUS MIDI - TECHNICAL FEATURES

**Multiple body capacities:** 10-11-12m<sup>3</sup>

**2.390mm width**

**High compaction ratio:** 6:1

**Cycle time:** 15 seconds

**Integrated bin lift with proprietary technology** designed especially for the Midi, and compatible with the Terberg automatic bin lifts

**Single-person operation**

Mounted to **chassis from 12 to 16t**

**Big payloads:** designed for optimal payloads on all chassis variants

**Pack on the move:** allows body to finish packing cycle whilst travelling

**Only 2 lubrication points**

**Heavy duty packing cylinders** mounted outside the hopper, clear of the loading area

**Vane pumps** with low-noise level

**Reduced overhang** for improved weight distribution and manoeuvrability

**Hopper clean cycle** in unloading mode

**Electrical control panel** accessible from ground level

**Manufactured in high tensile rolled steel** giving greater resistance to abrasion and corrosion.

**Wiring system with "Heavy Duty" connectors** for durability and protection

**LED lights**

**Options:** wide range of accessories and options

## BIN LIFTS FOR THE OLYMPUS MIDI RANGE

Operators can choose from multiple bin-lifting configurations, including an integrated multifunction bin lift—ideal for 2- and 4-wheel waste collections—or a Terberg automatic bin lift. An open-back configuration is also available. Lifting capacity of the integrated lift is another area where the Midi excels, delivering as standard a maximum lifting capacity of 500kg.

## SAFETY AS STANDARD

As with all Dennis Eagle products, safety is a priority. When fitted to the customer-specified chassis, the Olympus Midi features intuitive safety systems based on the company's unrivalled knowledge of waste management operations. Fully compliant with EN-1501 and CE-approved, the Olympus Midi continues Dennis Eagle's commitment to providing market-leading safe refuse collection vehicles.

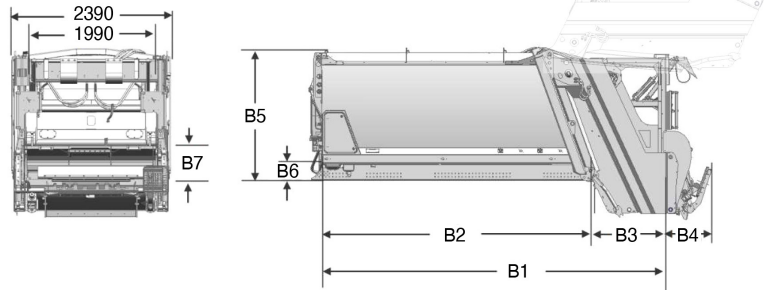
Ergonomically designed to ensure a comfortable and safe working environment, it features new LED lighting to ensure that operators and the vehicle itself are always clearly visible.

## MAXIMUM EFFICIENCY

Dennis Eagle has focused on maximising operational efficiency in every aspect of the Olympus Midi.

Single-person operation is available where required, and its pack-on-the-move technology allows packing cycles to be completed while in transit, saving valuable time. With just two lubrication points for the body, maintenance engineers can achieve additional time savings.





MODEL		OL-MIDI 10	OL-MIDI 11	OL-MIDI 12
GVW chassis (t) (1)		12-14	14-16	14-16
Recommended Wheelbase: 1-2 (mm)		3250-3350	3500-3600	3690-3800
Body useful capacity (m <sup>3</sup> )		9,8	10,7	11,7
Body Weight (Open Back) (Kg)		3670	3750	3830
Overall length (No binlift) (mm)	B1	4500	4750	5050
Overall length – Raised Tailgate (No binlift) (mm)		5500	5750	6050
Body length (mm)	B2	3385	3635	3935
Tailgate length (mm)	B3		1115	
Body height (mm) (1)	B5		2000/2110	
Body height – Raised Tailgate without binlift (mm) (1)			3500/3610	
Body platform height (mm) (1)	B6		240/350	
Rave rail height from chassis frame (mm) (1) (2)	B7		490/600	
Maximum external width (mm)			2390	
Tailgate int. width without lifter (mm)			1990	
Hopper volume (m <sup>3</sup> )			1,24	
Compaction mech. swept volume (m <sup>3</sup> )			0,78	
Compaction mechanism cycle time (s)			17	
Absorption speed (m <sup>3</sup> /min)			2,75	
BINLIFT	Lifting capacity (kg)		500kg	
	Lifter weight w/o DIN arms (kg)		360	
	Lifter overhang (mm)	B4	420	
	Binlift comb height (mm)		820	
	Binlift cycle time (s) (3)		8-10/10-12	

NOTE: This document and the information or advice given to the customer is for guidance only and does not constitute any contractual obligation. Nor does it constitute any obligation, warranty or liability on the part of Dennis Eagle Ltd. All specifications are subject to manufacturing tolerances. A margin of  $\pm 2\%$  must be considered for all weights. Additional equipment may alter dimensions and weights.

(1) Without subframe / With subframe.

(2) With integrated bin lift. Please contact Dennis Eagle for other bin lift options.

(3) 2-wheeled bins /4-wheeled containers.

### Certifications

- Compliance with European standard EN1501-1 and EN1501-5.
- Compliance with Directive 2006/42/EC on machinery safety.
- Compliance with European standard 2000/14/EC on noise emission.
- Certificate of hydraulic fluid cleanliness in accordance with ISO 4406.
- ISO 9001, ISO 14001, EMAS III, ISO 45001, ISO 50001, ISO 14006 and ISO 14064-1.



**DENNIS EAGLE LTD**

Heathcote Way, Heathcote Industrial Estate, Warwick, CV34 6TE

**T** +44 (0) 1926 458500, **E** [contact.us@dennis-eagle.co.uk](mailto:contact.us@dennis-eagle.co.uk), **I** [www.dennis-eagle.co.uk](http://www.dennis-eagle.co.uk)

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