

# TCA-OEL

## low level *lightweight split automatic binlift*

The TCA-OEL is a Terberg's front line lightweight automatic split binlift solution, offering performance that belies its low weight and safe operation synonymous with the Terberg brand. TCA-OEL has the following key features;

- **Flexible mounting,**

because the TCA-OEL is a genuine low level bin lift it can offer a hand loading access height of around 1.20 metres. However, with its integral hopper plate in the up position, the TCA-OEL raises the rave to 1.6 metres providing significant hopper capacity.

- **Low weight,**

the TCA-OEL bin lift weighs only 520kg.

- **Efficiency,**

a fast automatic cycle time on the TCA-OEL offers lift and return in 7.0 seconds plus dwell time, which is adjustable between 0.5 and 1.5 seconds.

- **Containers,**

a simple turn of a switch transfers the TCA-OEL into manual or trade mode and converts the TCA-OEL into a capable trade lift that can handle a full range of four wheeled containers including Paladin bins fitted with conversion bars.

- **Smooth operation,**

the unique hydraulic block allows for a two stage movement which means the containers rise smoothly and slowly before accelerating to the full tip position, ensuring maximum safety and efficiency throughout the operational cycle..

- **Practical operation,**

the TCA-OEL's increased ground clearance coupled with the automatic reverse raise function means that the TCA-OEL is as invulnerable to impact damage as it possibly can be.

- **Automatic shaker,**

an adjustable Automatic Shaker comes as standard ensuring maximum operational efficiency and can be set to shake every bin either once or twice to aid the discharge of 'sticky' materials.

- **Diagnostics,**

a text display is mounted in a durable box on the side of the TCA-OEL to provide simple diagnosis in order to minimise down time.

- **Construction,**

the bin lift chairs are constructed from laser cut high tensile steel offering unparalleled strength whilst keeping weight to a minimum.

- **Waterproof,**

the electrical control systems of the TCA-OEL are housed in an IP67 enclosure making them impervious to dust and water ingress.

- **Supported by Terberg Service and Warranty,**

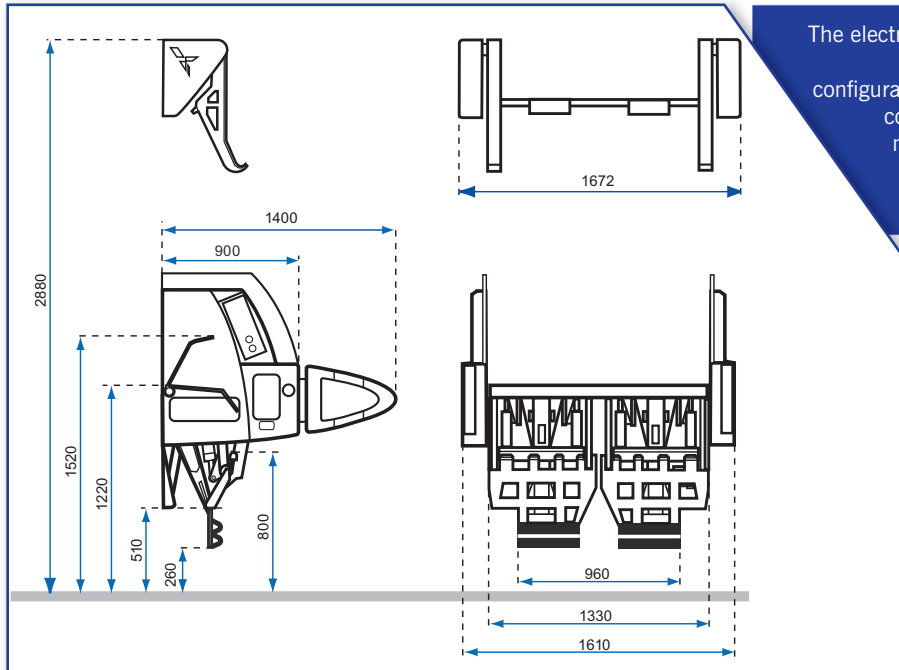
in addition to a standard twelve month warranty, OmniDE is covered by a thirty-six month warranty on all mechanical construction items.



# TCA-OEL technical specifications

●-standard ○-option ○-not available

	TCA-OEL
<b>Chair configuration</b> >	Split twin chairs
<b>Automatic Shake</b> >	●
<b>EN840.1 containers (80-390 ltr.)</b> >	●
<b>EN840.2 containers (500-1200 ltr.)</b> >	●
<b>EN840.3 containers (770-1300 ltr.)</b> >	●
<b>Paladin containers</b> *with conversion bars >	●
<b>Lifting capacity</b> >	1000N (100kg) split / 5000N (500kg) linked
<b>Weight</b> >	520kg
<b>Power source</b> >	hydraulic / electric
<b>Electrical connections</b> >	16-pin / 24v DC 10A
<b>Hydraulic connections</b> >	quick release couplings (DIN 2353, NW13, NW20)
<b>Hydraulic requirement</b> >	ideal 40 ltr/min., maximum 60 ltr/min., 180 bar
<b>Cycle time</b> >	Auto > 2-wheel containers 7.0 secs (+dwell 0.5-1.5) / Manual > 9.5 secs
<b>Noise level:</b> >	<65db (A)
<b>Safety</b> >	CE machinery directive certification and EN 1501.1 (prEN 1501.5)
<b>Painted finish</b> >	Painted to customer specification



The electrical & hydraulic specifications listed above represent the most common configurations, however, certain chassis/body combinations may require these to be modified, Terberg engineering should always be consulted before any preparation work commences



Terberg Matec UK Ltd. reserve the right to change the specification or design of our equipment at any time without prior notification



Terberg Matec UK Ltd, Leacroft Road,  
Birchwood, Warrington, Cheshire, WA3 6PJ.  
Tel > +44 (0) 1925 283 915  
Fax > +44 (0) 1925 283 905  
E-mail: sales@terberg.co.uk



Terberg Machines B.V, Postbus 127,  
3400 AC IJsselstein (U), Holland.  
Tel > (31) 30 2100 600  
Fax > (31) 30 2100 610  
E-mail: info@terbergmachines.nl

www.terberg.co.uk

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