

OmniBEL

low level *automatic binlift*

The OmniBEL represent one of Terberg's front-line low level binlift solutions, offering robust build and safe operation synonymous with the Terberg brand. The OmniBEL is configured with efficiency saving and safety enhancing features;

- **Multipurpose,**

The OmniBel has been aesthetically designed and is a multipurpose binlift system that is capable of handling several container types and has the ability to handle loose household waste with ease.

2-wheeled containers are handled automatically, whilst 4-wheel containers are serviced by use of the ergonomically placed flat panel control station. To obtain as large a hopper aperture as possible all hydraulic components and integral framework have been designed to be below 1 metre in height.

- **Low weight,**

the OmniBEL bin lift weighs in from as little as 790kg.

- **In-built diagnostics,**

the OmniBEL bin lift comes complete with an integral system diagnostics module to aid fault finding and access bin lift operational information

- **Safety in operation,**

the special safety system employed on the OmniBEL bin lift means that the automatic lifting cycle cannot be unless a container is placed correctly on the comb

The built-in safety arms ensure that containers cannot activate the sensors for automatic lifting whilst the safety arms are in their folded in position.

- **Safety,**

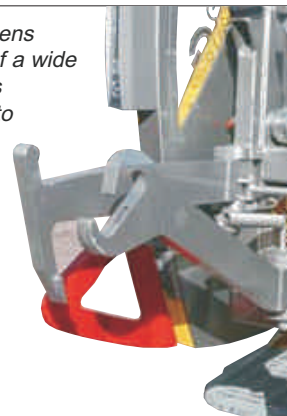
Terberg's unique geometry ensures that containers are not kicked back towards operators as they are lifted. The user friendly folding safety arms conform to EN1501.1 and provide guarding against entry into the functional working space during bin lift operation.

- **Two stage soft lift for ease of operation,**

the OmniBEL is designed with a progressive soft lift action to enable easy handling and container location.



The integral Bammens arms make lifting of a wide range of containers possible from 500 to 1700 litres.



OmniBEL

technical specifications

●-standard ○-option ○-not available

OmniBEL

Split twin chairs



Chair configuration >

Diagnostic display >

EN840.1 containers (80-390 ltr.) >

EN840.2 containers (500-1200 ltr.) >

EN840.3 containers (770-1300 ltr.) >

EN840.4 containers (750-1700 ltr.) >

Lifting capacity >

1000N (100kgs) split / 7500N (750kgs) linked

Weight >

790kgs

Power source >

hydraulic / electric

Electrical connections >

16-pin / 24v

Hydraulic connections >

quick release couplings (DIN 2353, NW13, NW20)

Hydraulic requirement >

ideal 40 ltr/min., maximum 60 ltr/min., 180 bar

Cycle time >

Auto > 2-wheel containers 8.0 secs (+dwell 0.5-1.5) / Manual > 12.0 secs

Noise level: >

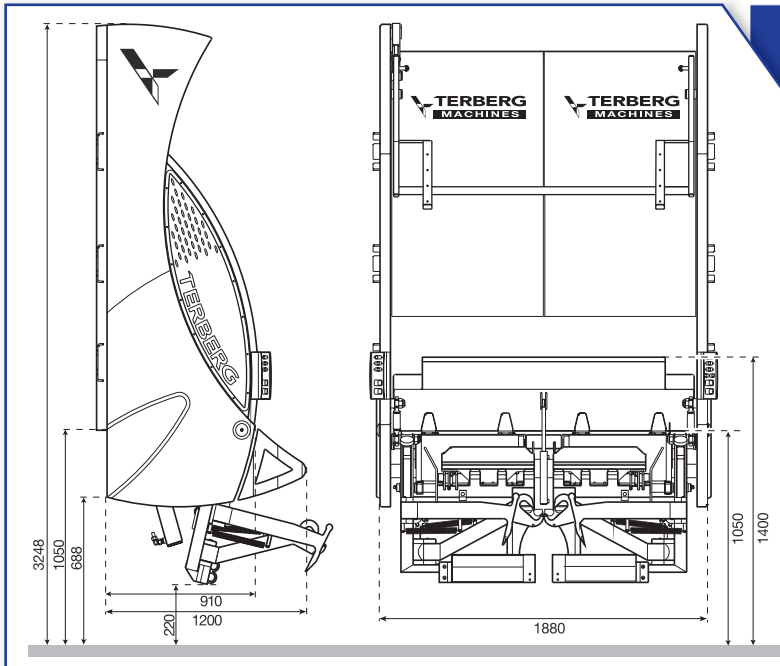
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Safety >

CE machinery directive certification and EN 1501.1 (prEN 1501.5)

Painted finish >

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



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