

OmniDEL 50/50

low level 50/50 split automatic binlift

The OmniDEL 50/50 is the latest front line fully automatic 50/50 split bin lift from Terberg. Featuring all of the proven features of the current OmniDEL split binlift range, but each chair is totally separated from it's neighbour making it the ideal choice for 50/50 split RCV bodies;

- **Interface,**

the OmniDEL 50/50 fits to a standard DIN frame. The hydraulic and electrical interface is exactly the same as for a OmniDEL, TCA-DE, TCA-DEL and the TCA-OEL.

- **Low weight,**

the OmniDEL 50/50 weighs in from as little as 860kg.

- **Flexibility,**

because the OmniDEL 50/50 is a genuine low level bin lift it offers a hand loading access height of approx. 1.20m. However, with the hopper plate up, the rave rises to 1.6m giving increased hopper capacity.

- **Reduced overhang and Centre of Gravity projection,**

when considered in conjunction with the weight of only 860kg, the reduced overhang and COG projection, the OmniDEL 50/50 clearly minimises the problems associated with rear axle overloading.

- **One-point intelligent greasing system,**

the innovative greasing system ensures all moving parts are lubricated via one easily accessible grease point for each lifter, all feed lines are impervious to damage in normal use. The intelligence module built into the grease manifold automatically senses that all grease points are receiving grease.

- **Containers,**

the OmniDEL 50/50 is perfect for two wheeled containers from 80 litres all the way to 360 litres, providing you with a versatile and flexible domestic container collection solution.

- **Flexible lower chair section,**

the lower section of each OmniDEL 50/50 chair is constructed from a flexible polymer, this helps to prevent permanent damage in the event of grounding or accidents.

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

the OmniDEL 50/50's proven progressive soft lift and unique geometry make this bin lift incredibly easy to operate. Sonar sensors, start the initial soft lift as the container approaches, and after the container is clamped the bin lift accelerates to its optimum cycle speed to discharge and then return the container within 8 seconds. The sonar sensors also eliminates the need for a conventional pedal arm with springs. The straightforward design keeps the number of moving parts to a minimum

- **Safety,**

Terberg's unique geometry ensures that containers are not kicked back towards operators as they are lifted making it incredibly natural to use and also gives a container tip angle of 50°. The user friendly folding safety arms conform to EN1501.1 and provide guarding against entry into the functional working space during bin lift operation.

- **Automatic shaker,**

as standard, OmniDEL 50/50 is supplied with an Automatic Shaker ensuring maximum operational efficiency and can be set to shake every bin either once or twice.

- **Designed with dynamic weighing in mind,**

the OmniDEL 50/50 is designed particularly with a view to integrating weighing and identification systems with ease. This is achieved as a result of the OmniDEL 50/50's smooth operation which minimises bin bounce, its vertical lift for ease of data recording and a delayed clamp to maximise the window available for data recording.

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

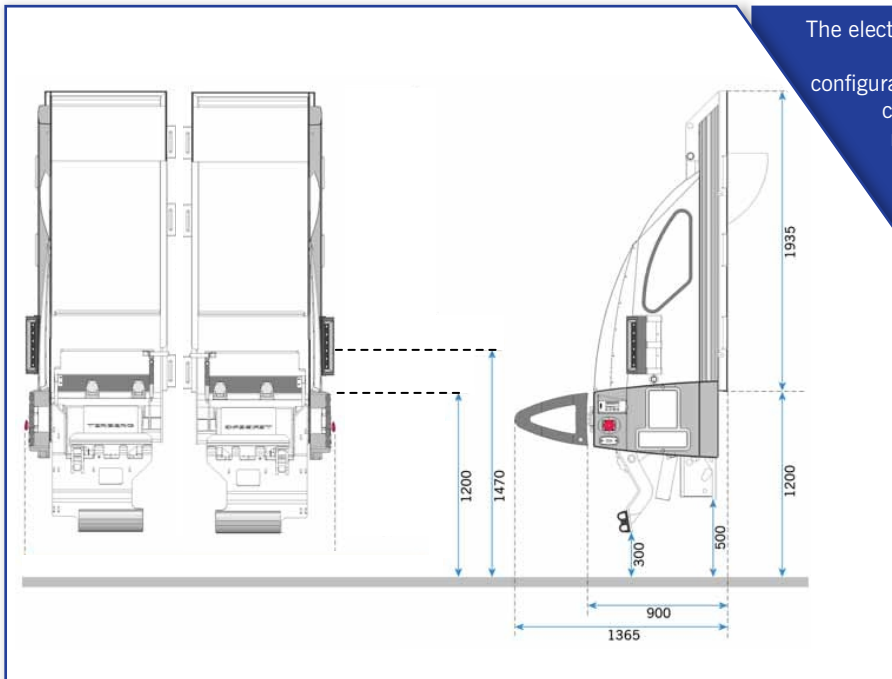
in addition to a standard twelve month warranty, the OmniDEL 50/50 is covered by a 24-month (or 500,000 cycles) Wearing Mechanical Components warranty on pins, bushes and bearings. Extended warranty packages are available on request.



OmniDEL 50/50 technical specifications

●-standard ○-option ○-not available

	Single Chair Left automatic & manual	Single Chair Right automatic & manual
Chair configuration >	○	○
Control method >	●	●
Single Point Greasing >	●	●
Electronic Container Counter >	●	●
Diagnostic display >	●	●
Auto Reverse Raise >	●	●
Anti-Spillage Sonar Sensor >	●	●
Terberg Weighing & RFID preparation >	○	○
EN840.1 containers (80-390 ltr.)** >	●	●
EN840.2 containers (500-1200 ltr.) >	○	○
EN840.3 containers (770-1300 ltr.) >	○	○
Paladin containers with conversion bars >	○	○
Lifting capacity >	100 kgs (1000N)	100 kgs (1000N)
Weight per side >	430kgs	430kgs
Power source >	hydraulic / electric	
Electrical connections >	16-pin / 24v	
Waterproof ratings >	proximity switches/sensors to Ip68	
Hydraulic connections >	quick release couplings (DIN 2353, NW13, NW20)	
Hydraulic requirement >	min. 20 ltr/min., max. 60 ltr/min., 180 bar	min. 20 ltr/min., max. 60 ltr/min., 180 bar
Cycle time >	2-wheel containers 7.0 secs (+dwell 0.5-1.5)	
Noise level: >	<65db (A)	
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 Matic UK Ltd. reserve the right to change the specification or design of our equipment at any time without prior notification



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