

OMNIDEL^e

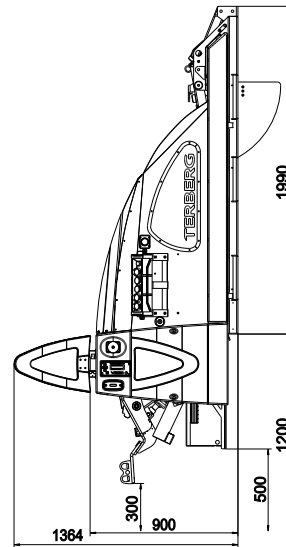
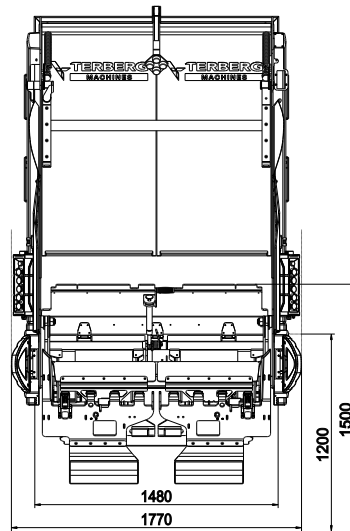
LOW-LEVEL AUTOMATIC SPLIT BINLIFT

OmniDEL^e is a low voltage, electric bin lift with a proven heritage offering robust build, safe operation & minimal maintenance. The OmniDEL^e shares its mechanical design components, efficiency saving features and safety enhancing benefits with the standard OmniDEL but requires only 24v chassis electrical power for operation;



REASONS TO CHOOSE THE OMNIDEL:

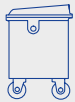
- The OmniDEL^e only weighs 635 kg.
- The OmniDEL^e is equipped with 4-wheel recognition, which means that it automatically switches when emptying 4-wheeled bins.
- The one-of-a-kind geometry of the OmniDEL^e guarantees that the operator does not need to take a step backwards during collection cycle, and it has a remarkable discharge angle of 50°.
- A single point greasing system is integrated in the standard equipment which contributes to shorter maintenance intervals.
- The OmniDEL^e has a unique ultrasonic anti spilling system. This system detects any material which might still be left in the bin, automatically shakes the load one time so that all remaining material is collected, and places the container back on the ground.
- The Rear Protective Device comes as standard and complies to safety norm EN 1501.5. This is active during automatic loading of the 2-wheeled containers.
- Shock and water resistant IP69K automotive parts, low-maintenance bearings, contactless sensors and switch elements offer perfect protection against the often heavy daily working conditions.
- The OmniDEL^e is designed in such a way that it can easily be provided with a dynamic weighing system and that it is prepared for the various identification systems.
- The OmniDEL^e is designed in such a way that it lifts the container with low speed at first, and speeds up afterwards. Ergonomically and in terms of working conditions, this is ideal because it minimises duty on wrists and shoulders.
- All electrical connections are 'plug and play', meaning that replacement of defect parts happens quickly and easily. A cleverly designed diagnosis system helps you with tracking down malfunctions and guarantees less standstill during maintenance.



Bags & Bulky Waste



EN 840-1 80 -360 L



EN 840-2 500-1280 L



EN 840-3 770-1100 L

TECHNICAL SPECIFICATIONS

Chair configuration

Single Man Trade (SMT)

Rear Protection Device (RPD)

4-wheel container recognition

Diagnostic display

Sonar N1 / Mechanical N1 Switch

Sonar Sensor Anti-Spillage System

Terberg Weighing & RFID preparation

Single point greasing system

CleAN Open CANbus output

Packer Cycle Delay Control (PCDC)

Lifting capacity

Weight

Power source

Electrical connections

Chassis battery requirement

Chassis alternator requirement

Hydraulic connections

Hydraulic requirement

Cycle time

Noise level

Safety

Split twin chair

Standard

Standard

Standard

Standard

standard

Option

Standard

Option

Standard

Option

Standard

1000N (100kgs) split / 5000N (500kgs) linked

635kgs

electric

16-pin / 24v

175 Ah minimum, ideal 245Ah (for hybrid chassis please consult Terberg)

Requires 20A spare capacity. Minimum 75A, 100A recommended

quick release couplings (DIN 2353, NW13, NW20)

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

Auto > 2-wheel containers 6.0 secs (+dwell 0.5-1.5) / Manual > 12.0 secs

<65db (A)

CE machinery directive certification, EN 1501.1 & EN 1501.5



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