



# OmniDEKA

## Automatic high-level split bin lift

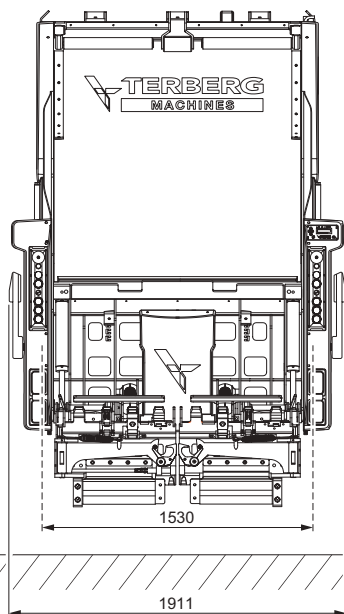
The **OmniDEKA** comes with the expected robust build, safe operation and efficiency synonymous with the Terberg brand to provide the market with the best automatic high-level bin lift solution available today.

### FIVE REASONS TO CHOOSE THE OMNIDEKA:

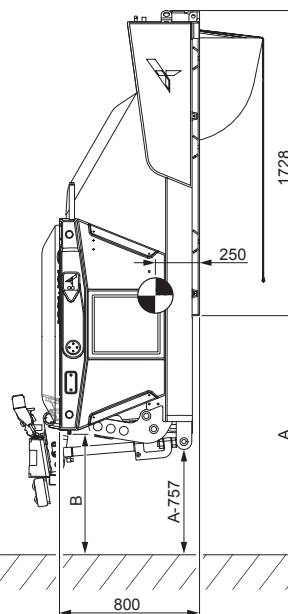
- **OmniDEKA** offers great flexibility with mounting heights to suit a variety of applications from 1150mm to 1675mm
- **OmniDEKA** provides ultra-strong lifting power for two-wheeled bins of 170kg and up to 700kg for four-wheeled bins
- The modern design of the **OmniDEKA** includes large side windows for maximum visibility and increased safety during operation
- Amazingly light, the **OmniDEKA** weighs just 650kg (without DIN pick up arms). The centre of gravity sits at 250mm
- Cycle time for two-wheeled EN840-1 containers is six-seven seconds whilst **OmniDEKA** will lift, discharge and return a four-wheeled EN840-2 or -3 container in 10-12 seconds

### SMART SOLUTIONS:

- Short rear overhang projection of just 800mm which increases to 1130mm with the drop down safety arms deployed
- Superbly steep container discharge angle of 46° to reduce the risk of non-emptying bins
- Universal mounting according to EN 1501-1
- 6 per cent more room on the footboards when compared to previous models
- The **OmniDEKA** dynamic split catcher bar operates automatically as required and moves back to its home position following container discharge
- The user friendly folding safety arms conform to EN1501-1 standard and provides guarding against entry into the functional working space during bin lift operation
- Ground clearance of ± 450mm
- Kinetic energy is stored during the lifting cycle to provide an energy free chair return under gravity, which in turn reduces noise, saves energy and keeps wear and tear to a minimum
- Single point greasing
- Optional service modem possible
- Designed with weighing in mind, the **OmniDEKA** is designed to allow the integration of weighing and identification systems with ease. Consequently, [the **OmniDEKA** has a smooth operation designed to minimise 'bin bounce' and a vertical initial lift providing a 'window' for ease of data recording



A	B
1200	528
1300	528
1400	528
1500	528
1600	578



## TECHNICAL SPECIFICATION



EN 840-1 MGB



EN 840-2 MGB



EN 840-3 MGB

<b>Chair configuration</b>	Split twin chairs
<b>Single Man Trade (SMT)</b>	Standard
<b>Pick up arms for bins according to EN 840-2/-3 with trunnions</b>	Option
<b>Rear Protective Device (RPD)</b>	Standard
<b>4-wheeled recognition</b>	Standard
<b>Diagnostic display</b>	Standard
<b>Mechanical N1 switch / Sonar N1 switch</b>	Standard
<b>Shaking</b>	Standard
<b>Terberg Weighing and RFID preparation</b>	Option
<b>CleanOpen CANbus output</b>	Option
<b>Packer Cycle Delay Control (PCDC)</b>	Standard
<b>Lifting capacity</b>	170kg (split) / 750kg (linked)
<b>Bin lift weight</b>	ca. 650kg
<b>Power source</b>	Hydraulic / electric
<b>Electrical connections</b>	16-pin / 24v
<b>Ingress Protection rating</b>	Proximity switches/sensors to IP68, "Plug and play" wiring to IP69K
<b>Hydraulic connections</b>	Quick release couplings (DIN 2353, NW13, NW20)
<b>Hydraulic specifications</b>	Ideal 40 ltr./min., maximum 60 ltr./min., 180bar
<b>Cycle time</b>	2 wheel secs 6- 7(= dwell 0.5-1.5)/4 wheel ±10-12 secs
<b>Noise level</b>	< 61 dB(A)
<b>Safety and norm compliance</b>	CE machinery directive certification EN 1501-1 & EN 1505-5
<b>Painted finish</b>	Painted to customer specification