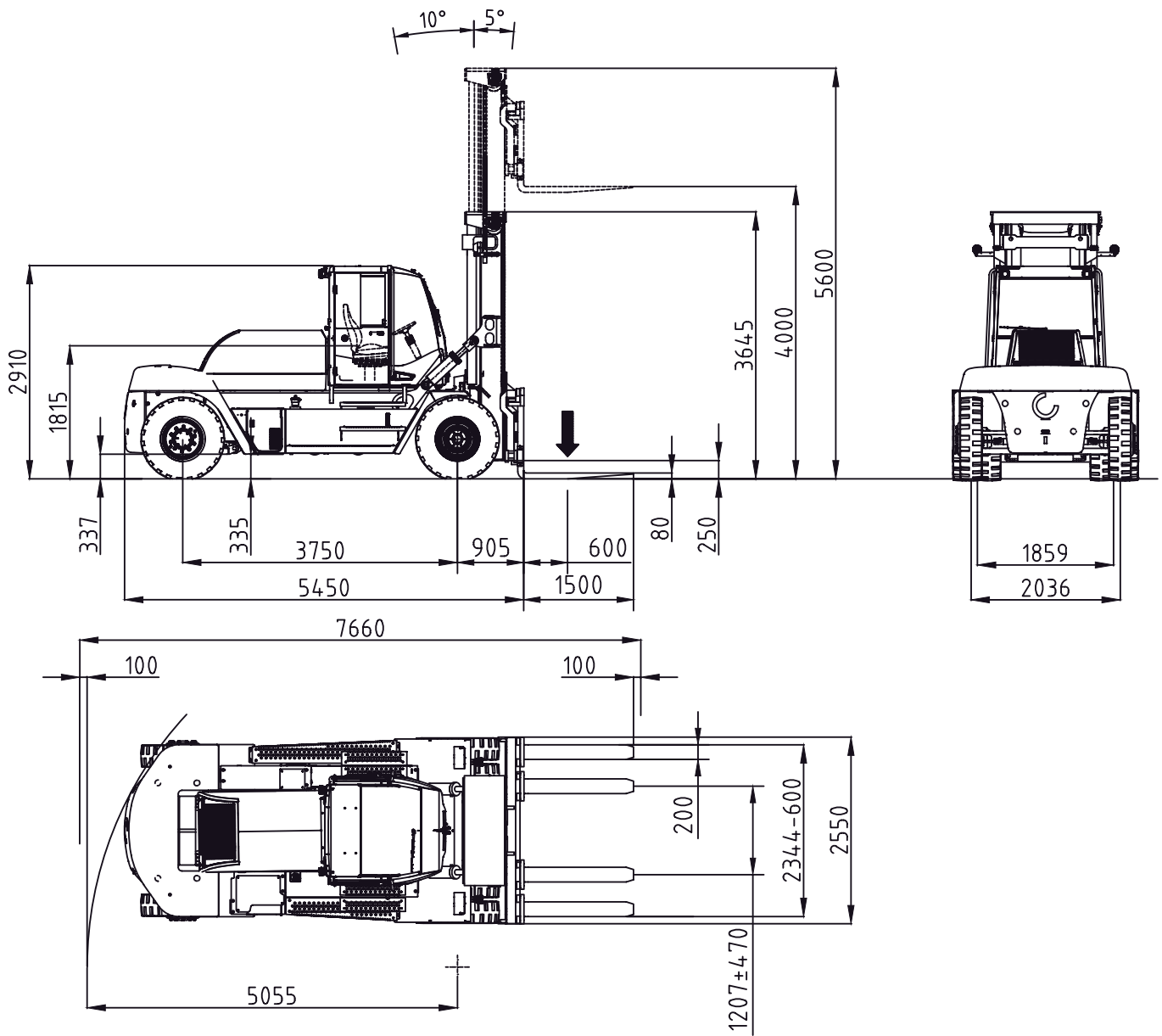


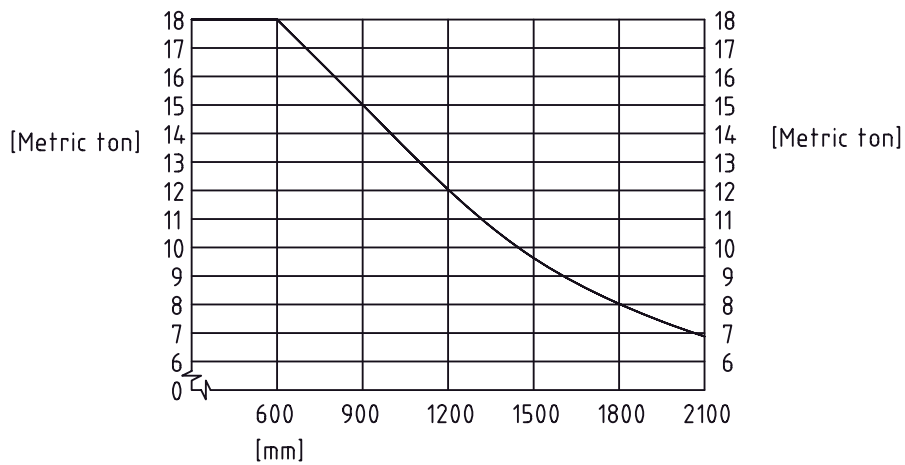
KONECRANES E-VER 18-600C



| Machine type | | E-VER 18-600 C |
|--|------------------|--|
| NOTE | | M21 Double battery |
| LOAD HANDLING DATA | | |
| Lifting capacity / Load centre distance | kg / mm | 18 000 / 600 |
| Maximum lifting speed, unloaded / at 70% of rated load | m/s | 0,33 / 0,31 |
| Maximum lowering speed, unloaded / at rated load | m/s | 0,35 / 0,37 |
| DRIVING DATA | | |
| Drive speed forward, unloaded / at rated load | km/h | 23 / 21 |
| Drive speed reverse, unloaded / at rated load | km/h | 23 / 21 |
| Average energy consumption @ 8% energy recovery | kWh/h | 18-25 |
| Incline (driving ability) at rated load at 0-6 km/h / at 15 km/h | % | 12 / 7 |
| Towing (tractive ability) at rated load at 0-6 km/h / at 15 km/h | kN | 44 / 26 |
| SERVICE MASS / AXLE LOADS | | |
| Service mass | kg | 19 900 |
| Axle load front, unloaded / at rated load | kg | 10 500 / 35 700 |
| Axle load rear, unloaded / at rated load | kg | 9 400 / 2 200 |
| TRACTION MOTOR | | |
| Motor make | | Kessler |
| Type / cooling | | Direct drive Permanent magnet synchronous / water-glycol |
| Continuous power | kW | 110 |
| Continuous torque | Nm | 310 |
| LOAD HANDLING MOTOR | | |
| Motor make | | Parker |
| Type / cooling | | Direct drive Permanent magnet synchronous / water-glycol |
| Continuous power | kW | 77 |
| DRIVE AXLE & BRAKING SYSTEM | | |
| Drive axle make / model name | | Kessler / D81 |
| Drive axle type | | Mechanical differential |
| Service brake system, type / affected wheels | | Re-generative traction motor braking, Oil cooled Wet Disc Brakes / drive wheels |
| Parking brake system / type / affected wheels | | Dry disc brake / spring release / drive wheels |
| STEER AXLE & STEER SYSTEM | | |
| Steer axle make / type | | Konecranes / double acting single cylinder |
| Steering system | | Hydraulic servo assisted, power steering |
| WHEELS | | |
| Number of wheels, front+rear / Type (*driven) | | 4*+2 / pneumatic |
| Tyre pressure front / rear | MPa | 1,0 / 1,0 |
| Tyre dimensions (Ply rating) front / rear | Inch (No) | 12.00 x 20" (PR 20) / 12.00 x 20" (PR 20) |
| Rim dimension front / rear | Inch | 8.00 x 20" / 8.00 x 20" |
| HYDRAULIC SYSTEM | | |
| Hydraulic pump make, model name | | Parker P2-series |
| Hydraulic system / pump type | | Load sensing system / variable axial piston pump |
| Power-on-demand / Low energy | | Yes / yes |
| Hydraulic oil pressure mast | MPa | 19 |
| HIGH VOLTAGE BATTERY | | |
| Type / cooling | | Li-ion / water-glycol |
| Rated capacity | Ah | 264 (2x132) |
| Rated energy | kWh | 184 (2x92) |
| Nominal voltage | V | 697 |
| Mass | kg | 1226 (2x613) |
| Cooling / Heating / active | | Water-glycol |
| Charging connection | | CCS2, DC fast charging |
| LIFTING EQUIPMENT | | |
| Lift mast model / mast type / design | | Konecranes duplex standard / 2-stage / free visibility |
| Carriage make / model | | Konecranes / Hydraulic integral roller type |
| Fork make / Model | | Konecranes / Roller type |
| OTHERS | | |
| Noise level (inside Cab/ LpAZ) | | |
| EN 12053 (EU + EFTA only) | dB(A) | 70 |
| Maximum noise level, outside LWA | | |
| 2000/14/EC (EU + EFTA only) | dB(A) | 93 |
| Vibration, whole-body | | |
| EN13059:2008. | m/s ² | 0,9 |
| NORMS & STANDARDS | | |
| Stability of Industrial Trucks ISO 22915-2 | | Yes |
| Safety of Industrial Trucks EN ISO 3691-1 and ISO/TS 3691-7 | | Yes |
| Electrical/electronic requirements EN 1175:2020 | | Yes |



E-VER 18-600C



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