

TECHNICAL DATA : E-VER 16-1200C

Machine type		E-VER 16-1200C
Note		M21 Single battery
LOAD HANDLING DATA Lifting capacity / Load centre distance Maximum lifting speed, unloaded / at 70% of rated load Maximum lowering speed, unloaded / at rated load	kg / mm m/s m/s	16 000 / 1200 0,40 / 0,40 0,40 / 0,42
DRIVING DATA Drive speed forward, unloaded / at rated load Drive speed reverse, unloaded / at rated load Average energy consumption @ 8% energy recovery Incline (driving ability) at rated load at 0-6 km/h / at 15 km/h Towing (tractive ability) at rated load at 0-6 km/h / at 15 km/h	km/h km/h kWh/h % kN	23 / 21 23 / 21 18-25 9 / 5 42 / 25
SERVICE MASS / AXLE LOADS Service mass Axle load front, unloaded / at rated load Axle load rear, unloaded / at rated load	kg kg kg	22 300 10 500 / 35 600 11 800 / 2 700
TRACTION MOTOR Motor make Type / cooling Nominal power Nominal torque	kW Nm	Kessler Permanent magnet synchronous / water-glycol 110 320
LOAD HANDLING MOTOR Motor make Type / cooling Nominal power	kW	Parker Permanent magnet synchronous / water-glycol 77
DRIVE AXLE & BRAKING SYSTEM Drive axle make / model name Drive axle type Service brake system, type / affected wheels Parking brake system / type / affected wheels		Kessler / D81 Mechanical differential Re-regenerative traction motor braking, Oil cooled Wet Disc Brakes / drive wheels Dry disc brake / spring applied / drive wheels
STEER AXLE & STEER SYSTEM Steer axle make / type Steering system		Konecranes / double acting single cylinder Hydraulic servo assisted, power steering
WHEELS Number of wheels, front+rear / Type (*driven) Tyre pressure front / rear Tyre dimensions (Ply rating) front / rear Rim dimension front / rear	MPa Inch (No) Inch	4*+2 / pneumatic 1,0 / 1,0 12.00 x 20" (PR 20) / 12.00 x 20" (PR 20) 8.00 x 20" / 8.00 x 20"
HYDRAULIC SYSTEM Hydraulic pump make, model name Hydraulic system / pump type Power-on-demand / Low energy Hydraulic oil pressure mast	MPa	Parker P2-series Load sensing system / variable axial piston pump Yes / yes 24,0
HIGH VOLTAGE BATTERY Type / cooling Rated energy Nominal voltage Mass Cooling / Heating / active Charging connection	kWh V kg	Li-ion / Water-glycol 92 700 625 Water-glycol CCS1 or CCS2, DC fast charging
LIFTING EQUIPMENT Lift mast model / mast type / design Carriage make / model Fork make / Model		Konecranes duplex standard / 2-stage / free visibility Konecranes / Hydraulic integral roller type Konecranes / Roller type
OTHERS Noise level, inside Cab/ LpAZ EN 12053 (EU + EFTA only) Maximum noise level, outside LwAZ EN 12053 (SEU + EFTA only) Vibration, whole-body EN13059:2008	dB(A) dB(A) m/s ²	70 93 0.9
NORMS & STANDARDS Stability of Industrial Trucks ISO 22915-2 Safety of Industrial Trucks EN ISO 3691-1 and ISO/TS 3691-7 Electrical/electronic requirements EN 1175:2020		Yes Yes Yes



