



KT144e

Telehandler

The electric compact genius

The electrically-powered telehandler KT144e is equipped with a 96V lithium ion battery, which enables a running time of up to 4 hours running time without interim charging depending on the equipment. With a height of under 2 meters and a width of approx. 1.60 meters, as well as a payload of 1,450 kilograms, it also provides impressive power ratings. With the fully electric KT144e, CO₂ emissions, soot particles, and noise will no longer play a role in your daily work. The KT144e works locally emission-free, thereby protecting humans, animals, and the environment, and scores points in matters of efficiency and economy.

Exhaust emissions: No local exhaust emissions and clearly reduced noise level

Battery technology: Powerful 96 V lithium-ion battery with a capacity of 18 kWh or 28 kWh

Running time: Depending on the size of the battery, up to 4 hours without interim charging depending on application

Loading: An integrated on-board charger with up to 6 kW enable fast loading

Operating costs: Lower maintenance costs compared with conventional diesel drive systems

Technical Data

■ Electric motor

Motor traction drive	23,2 kW
Motor work hydraulics	25.2 kW

■ Weights

Payload (max.)	1,450 kg
Payload at max. reach	725 kg
Payload at max. stacking height	1,450 kg
Stacking height (max.)	4,301 mm
Payload max. (LSP 500 mm)	1,450 kg
Operating weight	3,050 - 3,250 kg

■ Filling levels

Tank capacity for hydraulic oil	36 l
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■ Drive system

Travel speed Standard	0-15 km/h
Travel speed Option 1	0-20 km/h
Travel speed Option 2	0-25 km/h

■ Hydraulic system

Work hydraulics discharge volume (max.)	42 l/min
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■ Steering

Steering angle max.	38 degree
Oscillating angle of the rear axle	14 degree

■ Noise characteristic values

Guaranteed sound power level LwA (cabin)	87 dB(A)
Measured sound power level LwA	85.7 dB(A)
Sound pressure level at the operator's ear	73 dB(A)

Dimensions



A1	Total length	3,092 mm
A2	Total length with bucket	4,215 mm
B1	Total width without bucket	1,554 mm
C1	Front track: rear	1,245 mm
E1	Cab width	702 mm
F1	Wheel base center	1,922 mm
H1	Distance center rear wheel to rear	498 mm
J1	Dumping angle	38 °
J2	Dumping angle	36 °
L1	Load-over height: retracted	3,010 mm
L2	Load-over height: extended	4,224 mm
M1	Dumping height: retracted	2,272 mm
M2	Dumping height: extended	3,486 mm
N1	Dumping width: extended	669 mm
Q1	Distance center front wheel to bucket leading edge	1,699 mm
Q2	Distance center front wheel bearing quick change frame	450 mm
R2	Bucket pivot point: extended	4,537 mm
S1	Turning radius outer edge wheels	2,695 mm
S2	Turning radius outer edge bucket	3,660 mm
T1	Entry height cab floor	405 mm
D1	Total height	1,995 mm
K1	Max. stacking height	4,190 mm