



5065e

Wheel loaders

The emission-free wheel loader

The electrically-driven wheel loader 5065e is equipped with a 96-Volt lithium ion battery, which enables a running time of up to 4 hours without interim charging. The wheel loader also has compact dimensions, as well as a stacking payload of 1,750 kilograms. With the fully electric wheel loader 5065e, CO₂ restrictions, soot particle limit values or noise emissions values to be met will no longer play a role in your daily work. The 5065e works locally emission-free, thereby protecting the environment and the user, and scores points in matters of efficiency and economy.

Battery technology: Powerful 96 V lithium-ion battery with a capacity of 37.5 kWh

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

Loading: An integrated on-board charger with up to 9 kW enables fast loading

Bucket tipping load: Compact dimensions with a bucket tipping load of 2,800 kilograms

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

Bucket capacity (standard bucket)	0.65 m ³
Operating weight	3,855 - 4,160 kg
Payload (S=1.25)	1,750 kg
Lift capacity (max.)	32.8 kN
Tipping load (standard bucket)	2,800 kg

■ Filling levels

Tank capacity for hydraulic oil	40 l
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■ Drive system

Travel speed Standard	0-20 km/h
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■ Hydraulic system

Work hydraulics discharge volume (max.)	54,5 l/min
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■ Kinematics

Kinematics type	P-Kinematik
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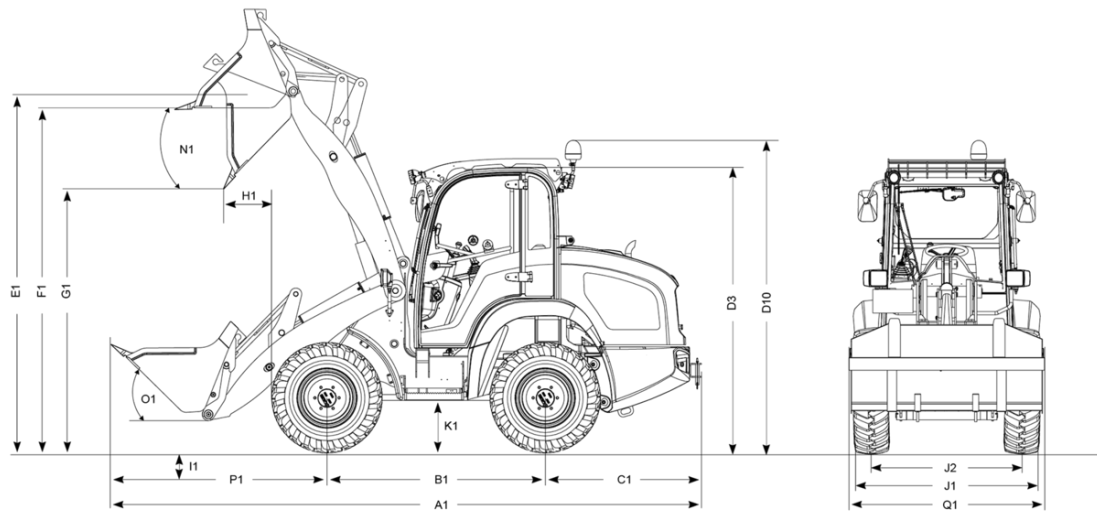
■ Steering

Steering angle max.	38 degree
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■ Noise characteristic values

Guaranteed sound power level LwA (cabin)	87 dB(A)
Measured sound power level LwA	84.7 dB(A)
Sound pressure level at the operator's ear	71 dB(A)

Dimensions



A1	Total length with standard attachment	5,110 mm
A2	Total length with standard attachment / extended loading system	5,350 mm
B1	Wheel base center	1,850 mm
C1	Rear overhang	1,235 mm
D3	Height with cab	2,380 mm
D5	Height of cab with protective grille	2,450 mm
D10	Total height with rotating beacon	2,570 mm
E1	Max. height blade pivot point	3,017 mm
E2	Max. height of hinge pin height / extended loading system	3,280 mm
F1	Load-over height	2,850 mm
F2	Load-over height / extended loading system	3,080 mm
G1	Dumping height	2,320 mm
G2	Dumping height / extended loading system	2,590 mm
H1	Dumping width	330 mm
H2	Dumping range / extended loading system	420 mm
I1	Digging depth	110 mm
J1	Total width	1,600 mm
J2	Track width	1,284 mm
K1	Ground clearance	265 mm
L1	Turning radius outer edge wheels	2,505 mm
M1	Steering angle	38 °
M2	Swing angle	16 °
N1	Dumping angle at max. lifting height	42 °
O1	Dumping angle at ground level	48 °
P1	Distance center front axle to tooth tip	1,840 mm
Q1	Bucket width	1,650 mm
R1	Stacking height	2,800 mm