



## KL25.5e

Products



The Kramer KL25.5e - a class of its own

The Kramer KL25.5e is the first full-electric, all-wheel-driven wheel loader - CO<sub>2</sub> emissions, noise and soot particles from diesel engines are things of the past. New is the highly cost efficient and absolutely emission free electric drive. This allows indoor operation and working in noise-sensitive areas. The KL25.5e is very compact and due to its all-wheel steering extremely agile. An electric motor is installed for the travel drive, which provides high performance with good resolution.

- Low noise level: less noise pollution for sensitive areas such as hotel premises, city centers, parks, construction sites
- Improved working conditions: The electric-powered KL25.5e protects humans and animals - your most valuable goods - from exhaust gases
- No exhaust emissions: trouble-free indoor operations such as in tunnels or in closed interiors
- Economic benefits: future-oriented technology provides low maintenance costs and rapid amortization of the additional acquisition costs
- Stacking payload: The stacking payload of 1,750 kg allows heavy loads to be handled with an electrically operated wheel loader



## Technical specifications

### Operating data

Bucket capacity (standard bucket)	0,65 m <sup>3</sup>
Operating weight	4.130 kg

### Engine / Motor

Engine / Motor manufacturer	JULI / Jungheinrich
Engine performance drive train	15 kW
Engine performance working hydraulic	22 kW
Emission standards stage (standard)	emission-free

### Power transmission

Traction drive	continuously adjustable electric drive system
Travel speed (max.)	16 km/h
Standard tires	12.0 –18
Differential lock	100% VA
Max. steering angle	2x38 °

### Steering and operating hydraulics

Max. pump discharge capacity	54 l/min
Max. pump pressure	235 bar

### Kinematics

Design system	P-kinematics
Tipping load (standard bucket)	2.500 kg
Payload S=1,25 (pallet forks)	1.750 kg
Tilt-in angle	48 °
Tip-out angle	42 °

### Filling capacities

Hydraulic oil tank	40 l
--------------------	------

### Sound emission \*

Guaranteed value	82 dB(A)
------------------	----------

### Vibrations \*\*

Total vibrations value of the upper body extremities	< 2,5 m/s <sup>2</sup>
Highest effective value of weighted acceleration for the body	< 0,5 m/s <sup>2</sup>

### Battery with integrated charger

Supply voltage of battery charger (protective contact plug)	240 V
Battery voltage	80 V
Rated capacity	416 Ah



Battery weight	1.230 kg
Charging time	6 - 7 h
Running time (hard continuous use) ***	3 h
Running time (normal continuous use) ***	5 h

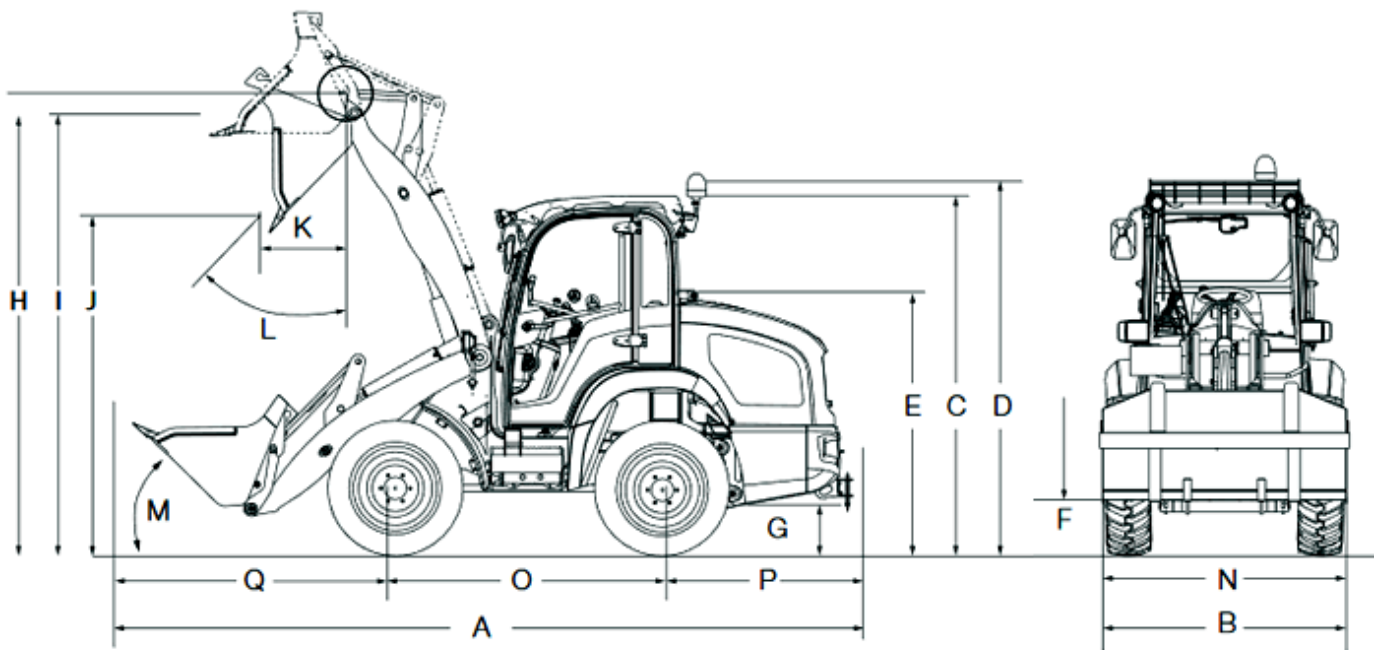
\* Information: The measuring took place according to the requirements of the standard DIN EN 474-1 and the directive 2000/14/EC.  
Place of measurement: Asphalted surface.

\*\* The uncertainty of measurement of the vibration measurement according to the requirements of the standard DIN EN 474-1 and EN 12096. Please instruct or inform the operator of the possible dangers from vibrations.

\*\*\* Determined via Kramer test cycle



## Dimensions



S = standard loader unit

L = extended loader unit

Dimension	Description	S = standard loader unit	L = extended loader unit
A	Overall length	4.950 mm	5.140 mm
B	Overall width	1.650 mm	1.650 mm
C	Total height with cabin	2.390 mm	2.390 mm
D	Total height with FOPS protection grille	2.470 mm	2.470 mm
E	Total height upper edge of hood	1.700 mm	1.700 mm
F	Ground clearance in transport position of the loading installation	250 mm	250 mm
G	Ground clearance	280 mm	280 mm
H	Bucket pivot point	3.050 mm	3.300 mm



I	Overhead loading height	2.880 mm	3.280 mm
J	Dumping height	2.350 mm	2.620 mm
K	Dump reach	320 mm	410 mm
L	Tip-out angle	42 °	42 °
M	Tipping angle	48 °	51 °
N	Track width	1.262 mm	1.262 mm
O	Wheelbase	1.850 mm	1.850 mm
P	Distance center of rear axle to rear	1.320 mm	1.320 mm
Q	Distance from the front wheel center to the front edge of the bucket	1.780 mm	1.970 mm
-	Stack height	2.830 mm	3.050 mm
-	Turning radius at the outer edge of the wheels	2.700 mm	2.700 mm
-	Turning radius at the outer edge of the bucket	3.550 mm	3.780 mm

Note: all measurements are based on the equipment with standard bucket (S=1000260472, L=1000275101), towing device and standard tyres (12.0-18).

**Please note**

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

Copyright © 2017 Kramer-Werke GmbH.