



**KRAMER**  
on the safe side

## KL21.5L

### Wheel loaders

#### POWER IN COMPACT FORMAT

The KL21.5L wheel loader combines maximum performance with a compact design and is therefore ideal for agricultural operations. Thanks to its unique loading system, the KL21.5L provides excellent lifting and tear out forces, which enable the effortless movement of heavy loads like silage bales, feed or manure pallets. Depending on requirements, there are two engine options available: a 19 kW engine as standard and a 33 kW engine as an option. The powerful work hydraulics further enable the effortless application of specialist attachments, like the spreading device.

**Unique loading system:** The combination of stroke (28.6 kN), tear out force (33.1 kN) and tipping load (2115 kg) enables effortless and safe handling of heavy loads, like silage bales

**Compact dimensions:** Thanks to its compact dimensions with a vehicle width of 1.32 m, the KL21.5L is ideal for confined working environments such as narrow farm paths. With the optional maximum 400 mm wide tyres, the machine impresses with the largest possible contact area and therefore has optimum stability in stables and warehouses

**Cab variants:** Two full-featured wheel loader cabs, comfort cab (2.26 m height) and low cab (2.11 m height) offer excellent 360° visibility and ergonomically arranged control elements for simple and intuitive operation

**Getting in and driving off:** The machine is easy to operate even for inexperienced operators thanks to its undivided vehicle frame, high stability, manoeuvrability and constant payload as well as three types of steering (All wheel, crab and front wheel steering)

**Versatile quick change plates:** The fully hydraulic quickhitch system Smart Attach is available as an option and enables changing of attachments directly from the cab. In addition, alternative quick change plates, like the Euro-System, are also available

## Technical Data

### ■ Standard engine data

Engine manufacturer	Yanmar
Drive output	18.5 kW
Drive output	25.2 PS
Maximum torque	2,500 U/min
Cylinder capacity	1,331 cm <sup>3</sup>
Exhaust standard level	V

### ■ Weights

Bucket capacity (standard bucket)	0.45 m <sup>3</sup>
Operating weight	2,900 - 3,200 kg
Payload (S=1.25)	1,300 kg
Tipping load (standard bucket)	2,115 kg
Tipping load (pallet fork)	1,625 kg
Tipping load (pallet fork)*	1,987 kg

### ■ Filling levels

Tank capacity for fuel	56 l
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Tank capacity for hydraulic oil 19 l

### ■ Drive system

Travel speed Standard	0-20 km/h
Travel speed Option 1	0-30 km/h

### ■ Hydraulic system

Work hydraulics discharge volume (max.)	39 l/min
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### ■ Kinematics

Kinematics type	PZ
Quick change system	hydraulic

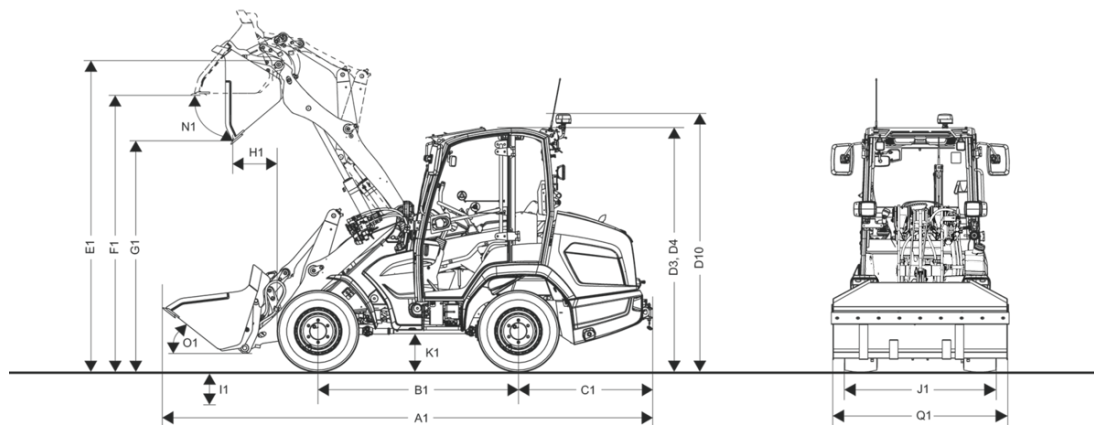
### ■ Steering

Steering angle max.	38 degree
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### ■ Noise characteristic values

Guaranteed sound power level L <sub>WA</sub> (cabin)	101 dB(A)
Measured sound power level L <sub>WA</sub>	96.9 dB(A)
Sound pressure level at the operator's ear	76 dB(A)

## Dimensions



A1	Total length with standard attachment	4,680 mm
B1	Wheel base center	1,860 mm
C1	Rear overhang	1,215 mm
D3	Height with cab	2,260 mm
D4	Height with cab lowered	2,110 mm
D10	Total height with rotating beacon	2,390 mm
E1	Max. height blade pivot point	2,913 mm
F1	Load-over height	2,620 mm
G1	Dumping height	2,120 mm
H1	Dumping width	470 mm
I1	Digging depth	55 mm
J1	Total width	1,320 mm
K1	Ground clearance	230 mm
L1	Turning radius outer edge wheels	2,430 mm
M1	Steering angle	38 °
N1	Dumping angle at max. lifting height	45 °
O1	Dumping angle at ground level	50 °
Q1	Bucket width	1,350 mm
R1	Stacking height	2,720 mm