





The Kramer wheel loader with maximum performance

The high quality of the materials used make this machine extra heavy-duty on the one hand and very comfortable on the other. The spacious cabin is equipped with ergonomically arranged operator's controls. The machine's performance efficiency also leaves nothing to be desired. The 115 kW Deutz engine provides a lot of power.

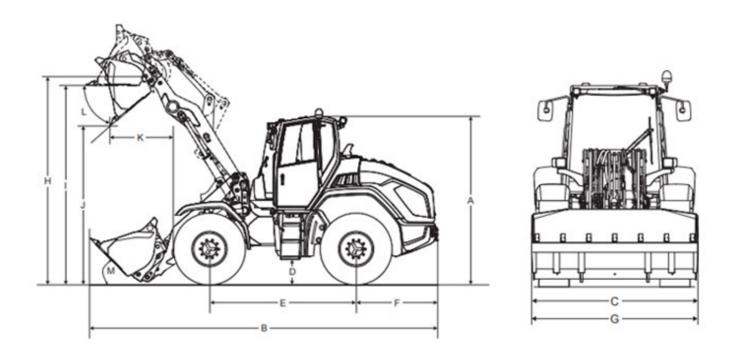
- The connectable 100% differential lock in the front and rear axle provides outstanding traction on muddy surfaces.
- This model is very simple to operate thanks to the hydrostatic drive
- The ecospeedPRO optionally provides 40 km/h. The integrated Smart Driving automatically regulates the rpm here
- The standard air-conditioning system also ensures you can work comfortably, even in extreme temperatures
- The rear-view camera is already integrated into the 7" LCD display

8180 Technical specifications

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Operating weight 11,050 kg Engine / Motor Engine / Motor manufacturer Deutz Engine performance (standard) 115 kW Emission standards stage (standard) V Power transmission Traction drive Automotive continuously variable, hydrostatic axial piston drive Travel speed 20 km/h Travel speed 30 km/h Driving speed (option) 40 km/h Standard tires 5007/0824 Michelin BIBLOAD Engine pangle 5007/0824 Michelin BIBLOAD Max. steering angle 5007/0824 Michelin BIBLOAD Max. pump discharge capacity 180 l/min Max. pump pressure 250 bar Kinematics PZ-kinematics Design system PZ-kinematics Tip-jung load (standard bucket) 6,900 kg Payload 4,800 kg Till-in angle 45° Tip-out angle 45° Filling capacities 120 Full tank 120 Hydraulic oil tank 125 DEF tank 120 Souranteed value 100.7 dlk/l Kouaranteed value 100.7 dlk/l Total wibrations value of the upper body extremities < 2.5 m/s²	operating data	
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Engine / Motor manufacturer Deutz Engine performance (standard) 115 kW Emission standards stage (standard) V Power transmission Traction drive Automotive continuously variable, hydrostatic axial piston drive Travel speed 20 km/h Driving speed (option) 40 km/h Standard tires 500/70R24 Michelin BIBLOAD Differential lock 100 % front axie + rear axie Max. steering angle 2x40 % Steering and Operating hydraulics Max. pump discharge capacity 180 l/min Max. pump pressure 250 bar Kinematics Tipping load (standard bucket) 6,900 kg Payload 4,800 kg Till-in angle 45 % Tip-out angle 45 % Filling capacities Fuel tank 100 l Hydraulic oil tank 120 l Type tank 120 l Guaranteed value 100.7 dk/kg Guaranteed value 100.7 dk/kg Type tank 120 dk/kg	Operating weight	11,050 kg
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Driving speed (option) 40 km/h Standard tires 500/70R24 Michelin BIBLOAD Differential lock 100 % front axle + rear axle Max. steering angle 2x40 ° Steering and operating hydraulics Max. pump discharge capacity 180 l/min Max. pump pressure 250 bar Kinematics Design system PZ-kinematics Tipping load (standard bucket) 6,900 kg Payload 45 ° Tip-out angle 45 ° Tip-out angle 45 ° Tip-out angle 45 ° Filling capacities 12 ° Fuel tank 140 ° Hydraulic oil tank 12 ° DEF tank 12 ° Sound emission 12 ° Measured value 100 ° Guaranteed value 100 ° Noise level at the driver's ear 70 ° Vibrations 2 5.5 m/s²	Travel speed	20 km/h
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Max. pump discharge capacity180 l/minMax. pump pressure250 barKinematicsDesign systemPZ-kinematicsTipping load (standard bucket)6,900 kgPayload4,800 kgTilt-in angle45°Tip-out angle45°Filling capacities***Fuel tank140 lHydraulic oil tank125 lDEF tank125 lSound emission***Measured value100.7 dB(A)Guaranteed value100.7 dB(A)Noise level at the driver's ear70 dB(A)Vibrations***Total vibrations value of the upper body extremities< 2.5 m/s²	Max. steering angle	2x40 °
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Payload4,800 kgTilt-in angle45°Tip-out angle45°Filling capacitiesFuel tank140 lgHydraulic oil tank125 lgDEF tank12 lgSound emissionMeasured value100.7 dB(A)Guaranteed value102 dB(A)Noise level at the driver's ear70 dB(A)VibrationsTotal vibrations value of the upper body extremities< 2.5 m/s²	Design system	PZ-kinematics
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Filling capacities Fuel tank Hydraulic oil tank DEF tank Sound emission Measured value Guaranteed value Guaranteed value Noise level at the driver's ear Total vibrations value of the upper body extremities	Tilt-in angle	45 °
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Sound emissionMeasured value100.7 dB(A)Guaranteed value102 dB(A)Noise level at the driver's ear70 dB(A)VibrationsTotal vibrations value of the upper body extremities< 2.5 m/s²	Hydraulic oil tank	125
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Vibrations Total vibrations value of the upper body extremities < 2.5 m/s²	Guaranteed value	102 dB(A)
Total vibrations value of the upper body extremities < 2.5 m/s ²	Noise level at the driver's ear	70 dB(A)
	Vibrations	
Highest effective value of weighted acceleration for the body < 0.5 m/s ²	Total vibrations value of the upper body extremities	< 2.5 m/s²
	Highest effective value of weighted acceleration for the body	< 0.5 m/s²

8180 Dimensions



Α	Height	3,010 mm
В	Length	6,550 mm
С	Width	2,500 mm
D	Ground clearance	445 mm
Е	Wheelbase	2,626 mm
F	Center of rear axle to end of vehicle	1,520 mm
G	Bucket width	2,500 mm
Н	Bucket pivot point	3,760 mm
l	Overhead loading height	3,520 mm
J	Dumping height	2,695 mm
K	Dump reach	1,172 mm
	Turning radius	3,865 mm

Kramer wheel loader 8180 with standard loader unit

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.

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