

# 5509

## Telehandlers > 7 m



**KRAMER**  
*on the safe side*



### Telehandler

The Kramer 5509 telehandler is ideal for daily use with low fuel consumption, high torque and enormous lift forces offering up to 8.75 m of stacking height. With a number of innovative assistance systems and useful supplementary equipment, the Kramer will become the key machine for the toughest applications. The ergonomic and functional cab ensures stress-free working. The different working modes of the Smart Handling overload system offer safety and comfort.

- Central axis synchronisation: Convenient switch-over of the three steering modes using electronic synchronisation of the steering axles when steering over the zero point
- All-round visibility: The spacious cab with a window area of 3.6 m<sup>3</sup> enables a perfect overview on all sides
- Overhead loading height: The telescoping loading system enables a stacking height of 8.75 m
- Loader unit: The z-kinematics of the telescopic wheel loader ensures high tearing forces and make a quick dumping possible
- Operating concept: The Kramer operating concept with the aid of the all-in-one joystick allows for an

intuitive operation of all functions

## 5509 Technical specifications

### Operating data

Max. payload (LC 500 mm)	5,500 kg
Max. stack height	8,750 mm
Payload at max. stack height	1,300 kg
Payload at max. reach	2,200 kg
Stack height at max. payload	6,400 mm
Reach at max. payload	2,400 mm
Max. reach	4,790 mm
Turning radius over tyres	4,415 mm
Operating weight (max. w/o add-on equipment)	11,500 kg
Total swing angle of tool carrier	152 °
Bucket capacity (standard bucket)	1.2 m <sup>3</sup>

### Engine / Motor

Engine / Motor manufacturer	Deutz
Type / Model	TCD 4.1 L4
Engine performance	115 kW
Emission standards stage	V
Exhaust aftertreatment system	DOC+DPF+SCR

### Power transmission

Traction drive	ecospeedPRO
Travel speed (Serie)	20 km/h
Travel speed (optional)	30 km/h
Travel speed (optional)	40 km/h
Differential lock	100% connectable
Standard tires	460/70R24

### Operating hydraulics

Duty pump	Load Sensing
Max. pump discharge capacity	187 l/min
Max. pump pressure	260 bar

### Filling capacities

Fuel tank	180 l
DEF tank	12 l
Hydraulic oil tank	200 l

### Sound emission

Measured value	105 dB(A)
Guaranteed value	106 dB(A)
Noise level at the driver's ear	78 dB(A)

### Vibrations

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

< 0,5 m/s<sup>2</sup>

All statements without guarantee.

Payload at max. lift height: with hydraulic leveling

Stacking height at max. payload: with hydraulic leveling

Sound emission: The measurement occurs according to the requirements of the EN 1459 standard and the 2000/14/EC directive. Measuring area: asphalted surface

Vibrations: Uncertainty of measurement as specified in ISO/TR 25398:2006. Please instruct or inform the operator of possible hazards from vibrations.

Vibrations: Total vibrations value of the upper body extremities: on level and secure ground driving appropriately

Vibrations: Highest effective value of weighted acceleration for the body: use in extraction under harsh environmental conditions

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Additional technical data is available in the detailed brochure within the informational material section

## 5509 Dimensions



A	Overall length	5,890 mm
B	Overall length with bucket	6,690 mm
C	Overall width without attachment	2,500 mm
D1	Track width front	1,995 mm
D2	Track width rear	2,065 mm
E	Total height	2,570 mm
F	Cabin width	990 mm
G	Wheelbase center	3,150 mm
H	Ground clearance under axle and gearbox	412 mm
I	Distance center of rear wheel to rear	1,140 mm
J	Rear actuation angle	32 °
K	Tipping angle	45 °
L	Tip-out angle (standard bucket up)	41 °
M1	Overhead loading height - retracted	5,545 mm
M2	Overhead loading height - extended	8,498 mm
N1	Dumping height - retracted	5,015 mm
N2	Dumping height - extended	7,997 mm
O	Dump reach - extended	63 mm
P1	Length Tele Auszugslänge - eingefahren	6,277 mm
P2	Length Tele Auszugslänge - ausgefahren	9,243 mm
Q	Total height with rotating beacon	2,710 mm
R	Total height of the telescopic arm bearing in the frame	1,935 mm
S	Distance from the front wheel center to the front edge of the bucket	2,400 mm
T	Distance from the center of the bearing of the front wheel to the quick-change frame	1,310 mm
U1	Bucket pivot point - retracted	6,166 mm

U2	Bucket pivot point - extended	9,083 mm
V	Transport position with attachment	250 mm
-	Turning radius at the outer edge of the wheels	4,415 mm
-	Entry height, cabin floor	975 mm
-	Turning radius at the outer edge of the bucket	5,735 mm

All statements without guarantee.

Machine dimensions can vary depending on tyres.

'Total length' and 'Distance from center of rear wheel to the rear':

- with hitch coupling + 70 mm (KT276); + 320 mm (KT306, KT356, KT307, KT357, KT447, KT507, KT557); + 154 (KT559)

- with height adjustable ball hitch + 320 mm (KT306, KT356, KT307, KT357, KT447, KT507, KT557)

- with fixed ball hitch + 200 mm (KT306, KT356, KT307, KT357, KT447, KT507, KT557)

'Total width without bucket' with standard bucket 5 depending on the tyres, with folded-in mirrors

'Rear approach angle (departure angle)' with ball hitch 51° (KT276); 32° (KT306, KT356, KT307, KT357)

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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