

4209

Telehandlers > 7 m



KRAMER
on the safe side



Increased stacking height for big jobs

The telehandler 4209 is characterised by its solid design with a payload of 4.2 tonnes and a stacking height of 9 metres. Thanks to the long loader unit, the telehandler 4209 is the ideal machine with extra reach. The standard equipment of the Kramer telehandler is already very extensive and, for example in addition to the ecospeed transmission, also includes the Smart Driving function.

- The 100% connectable differential lock is installed as standard and ensures that the machine has maximum traction in all conditions.
- For the service brake, the Kramer machine is equipped with multi-disc brakes in the front and rear axle. The parking brake is automatically activated when the engine stops, ensuring a high level of safety.
- The three different speed ranges can conveniently and intuitively be operated via the joystick. The night design of the electronically pilot-operated multifunction joystick with integrated travel direction selection switch makes it easy to work in the dark.
- The end position damping is integrated in all three

functions of the loader unit, which minimises load losses, optimises the movement sequences and protects the machine.

- The torsion-resistant frame in box profile design with lateral support for the telescopic arm ensures maximum durability of the machine.

4209 Technical specifications

Operating data

Max. payload	4,200 kg
Max. stack height	8,750 mm
Payload at max. stack height	4,200 kg
Payload at max. span	1,500 kg
Stack height at max. payload	8,750 mm
Max. reach	4,790 mm
Turning radius over tyres	4,415 mm
Operating weight	10,500 kg
Total swing angle of tool carrier	152 °

Engine / Motor

Engine / Motor manufacturer	Deutz
Type / Model	TCD 3.6 / L4
Engine performance	100 kW
Emission standards stage	V
Exhaust aftertreatment system	DOC+DPF+SCR

Power transmission

Traction drive	ecospeed
Travel speed (Series)	20 km/h
Travel speed (optional)	30 km/h
Travel speed (optional)	40 km/h
Differential lock	100% connectable in the front axle
Standard tires	460/70R24 (AS tread)

Operating hydraulics

Duty pump	Load-sensing axial piston pump
Max. pump discharge capacity (Series)	140 l/min
Max. pump pressure	215 bar

Filling capacities

Fuel tank	180 l
DEF tank	12 l
Hydraulic oil tank	100 l

Sound emission

Measured value	104 dB(A)
Guaranteed value	106 dB(A)
Noise level at the driver's ear	76 dB(A)

Vibrations

Total vibrations value of the upper body extremities	< 2.5 m/s ² (<8.2 feet/s ²)
Highest effective value of weighted acceleration for the body	< 0.5 m/s ² / 1.28 m/s ² (1.64 feet/s ² / 4.19 feet/s ²)

Errors and omissions are reserved.

Noise emissions: The measurement occurs as per the requirements of the standard EN 1459 and the directive 2000/14/EC. Measuring station: Asphalted surface.

Vibrations:

- with hydraulic levelling
- Uncertainties of measurement as specified in ISO/TR 25398:2006. Please instruct or inform the operator of possible dangers caused by vibrations.
- Vibration total value of the upper body members: on flat and solid ground with the corresponding driving style
- Maximum effective value of the weighted acceleration for the body: Use in extraction under harsh environmental conditions

4209 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	418 mm
I	Distance center of rear wheel to rear	1,340 mm
J	Rear actuation angle	46 °
K	Tipping angle	45 °
L	Tip-out angle	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	6,277 mm
P2	Length	9,243 mm
Q	Total height with rotating beacon	2,740 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	6,116 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	5,650 mm

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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