

# 8105

## Product



**KRAMER**  
*on the safe side*



### The intelligent performance wheel loader

The Kramer wheel loader 8105 is part of the premium 8 series and is equipped with the tested Kramer system of the one-piece chassis. The machine impresses with high-performance parameters, reliability and comfort with simultaneous receipt of optimal manoeuvrability and excellent stability. The unique high-performance engine of 100 HP is optionally available and turns the 8105 into a real high-performance loader. The perfectly located operator's cab in combination with the extensive glazing enable optimal all-round visibility.

- Propulsive force: Maximum propulsive forces and best traction through efficient high-pressure drive systems and 100% differential lock
- Safety: The wide entries and exits on both sides enable safe entering and exiting of the cabin
- 24-inch tyres: The optional 24 inch tyres enable perfect traction, excellent quiet running and optimal lift capacity
- Maximum flexibility: The three steering modes: front-wheel, all-wheel and crab steering are available as series standard
- Panoramic cab: The large cab (2.3 m<sup>3</sup>) with entry on both sides, as well as glazing of large areas enables

excellent all-round visibility

## 8105 Technical specifications

<b>Operating data</b>	
Bucket capacity (standard bucket)	1.05 m <sup>3</sup>
Operating weight	5,550 kg
<b>Engine / Motor</b>	
Engine / Motor manufacturer	Deutz
Engine performance (standard)	55.4 kW
Engine performance (option)	74 kW
Emission standards stage	V
Emission standards stage (standard)	V
<b>Power transmission</b>	
Traction drive	Continuously variable, hydrostatic axial piston transmission
Travel speed (standard)	20 km/h
Travel speed (option)	30 km/h
Driving speed (option)	40 km/h
Standard tires	14.5-20
Differential lock	100% connectable
Max. steering angle	2x40 °
<b>Steering and operating hydraulics</b>	
Max. pump discharge capacity	84 l/min
Max. pump pressure	240 bar
Max. Powerflow discharge capacity	120 l/min
<b>Kinematics</b>	
Design system	Parallel kinematics
Tipping load (with bucket)	4,100 kg
Payload (S=1.25)	2,500 kg
Tilt-in angle	50 °
Tip-out angle	42 °
<b>Filling capacities</b>	
Fuel tank	120 l
Hydraulic oil tank	64 l
DEF tank (Deutz 3.6)	10 l
<b>Sound emission</b>	
Measured value	100 dB(A)
Guaranteed value	101 dB(A)
Noise level at the driver's ear	77 dB(A)
<b>Vibrations</b>	
Total vibrations value of the upper body extremities	< 8.2 feet/s <sup>2</sup>
Highest effective value of weighted acceleration for the body	< 1.64 feet/s <sup>2</sup>

All statements without guarantee.

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

## 8105 Dimensions

A	Height	2,640 mm
B	Length	5,710 mm
C	Width	1,920 mm
D	Ground clearance	350 mm
E	Wheelbase	2,150 mm
	Center of front axle to tip of teeth	1,940 mm
F	Center of rear axle to end of vehicle	1,620 mm
G	Bucket width	2,050 mm
H	Bucket pivot point	3,259 mm
I	Overhead loading height	3,050 mm
J	Dumping height	2,500 mm
K	Dump reach	750 mm
	Stack height	3,000 mm
	Turning radius (over tyres)	2,950 mm

Alle Angaben wurden mit folgender Bereifung ermittelt: 28 x 9.00 - 15

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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