

# 8085 Product



**KRAMER**  
*on the safe side*



## True greatness in practical application

The wheel loader of the Kramer premium 8 series sets new benchmarks in terms of technology, power and comfort, and was named "480". The efficient, high-pressure drive system and the 100% switchable differential lock enable maximum pushing powers and the best traction in everyday application. The one-piece chassis also ensures this machine's maximum stability and great manoeuvrability. The bucket volume of 0.85 - 1.5m<sup>3</sup>, dependent on the material density, enables flexible application. The large and comfortable cab rounds-off the high level of the wheel loader.

- P-kinematics: The p-kinematics enable an optimal parallel guidance and maximum dumping and roll-back angles across the entire lifting range
- Maximum flexibility: 2x 40° steering locks as well as the all-wheel, front wheel and crab steering ensure optimal driving conditions
- Comfort: The optionally available automatic load stabiliser dampens oscillations in the mast, thus ensuring a high level of driving comfort
- ecospeed transmission: The optional ecospeed transmission enables stepless acceleration of 0 - 40 km/h - combined with the height-adjustable ball hitch the 8085 becomes a tractor (National regulations must be adhered to.)

- Overview: The panoramic windscreen in conjunction with the Kramer design enables an extraordinary overview of all attachment areas (front, rear, side)

## 8085 Technical specifications

### Operating data

Bucket capacity (standard bucket)	0.85 m <sup>3</sup>
Operating weight	4,750 kg

### Engine / Motor

Engine / Motor manufacturer	Deutz
Engine performance	55.4 kW
Emission standards stage (standard)	V

### Power transmission

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	12.5-20
Differential lock	Self-locking differential
Max. steering angle	2x40 °

### Steering and operating hydraulics

Max. pump discharge capacity	70 l/min
Max. pump pressure	240 bar
Max. Powerflow discharge capacity	115 l/min

### Kinematics

Design system	Parallel kinematics
Payload (S=1.25)	2,150 kg
Payload (S=1.25, extended loading unit)	2,000 kg
Tipping load (with bucket)	3,650 kg
Tipping load (with bucket, extended loading unit)	3,000 kg
Tilt-in angle	50 °
Tip-out angle	45 °

### Filling capacities

Fuel tank	85 l
Hydraulic oil tank	50 l

### Sound emission

Measured value	100 dB(A)
Guaranteed value	101 dB(A)
Noise level at the driver's ear	77 dB(A)

### Vibrations

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.

## 8085 Dimensions

A	Height	2,480 mm
B	Length	5,280 mm
C	Width	1,780 mm
D	Ground clearance	330 mm
E	Wheelbase	2,020 mm
	Center of front axle to tip of teeth	1,770 mm
F	Center of rear axle to end of vehicle	1,490 mm
G	Bucket width	1,850 mm
H	Bucket pivot point	3,290 mm
I	Overhead loading height	3,140 mm
J	Dumping height	2,560 mm
K	Dump reach	635 mm
	Stack height	3,040 mm
	Turning radius (over tyres)	2,840 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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