



8085

Wheel loaders

COMFORTABLE AND EFFICIENT APPLICATION

The 8085 wheel loader of the 8 premium series by Kramer is setting new standards in terms of efficiency, performance, and comfort. The efficient drive and the four operating modes (Power, Eco, Road, CSD) enable individual drive settings in all work situations. As a result, the application can be performed as best possible, most cost-effectively, and efficiently. The one-piece chassis also ensures a high level of stability and great maneuverability for this machine.

Smart Attach: The fully-hydraulic quickhitch plate, installed as standard, makes it possible to comfortably hitch up hydraulic attachments without needing to exit the machine

ecospeed transmission: The optional ecospeed transmission enables continuous acceleration from 0 km/h to 40 km/h

Automatic load stabilizer: The dampening of vibrations in the lifting frame ensures a high degree of operational comfort

Comfortable cabin: With entry on both sides, as well as extensive glazing for the best 360° visibility

Fuel saving: By selecting the correct operating mode of the four available (Power, Eco, Road, CSD), it is possible to save up to 10% fuel

Technical Data

Standard engine data

Engine manufacturer	Deutz
Drive output	55.4 kW
Drive output	75 PS
Cylinder capacity	2,924 cm ³
Exhaust standard level	V
Exhaust aftertreatment	DOC / DPF

Weights

Bucket capacity (standard bucket)	0.85 m ³
Payload (max.)	1,530 kg
Operating weight	4,600 - 5,200 kg
Payload (S=1.25)	2,150 kg
Tipping load (standard bucket)	3,650 kg
Tipping load (pallet fork)	2,680 kg

Filling levels

Tank capacity for fuel	85 l
Tank capacity for hydraulic oil	50 l

Drive system

Travel speed Standard	0-20 km/h
Travel speed Option 1	0-30 km/h
Travel speed Option 2	0-40 km/h
Differential lock	100 % front axle + rear axle

Hydraulic system

Work hydraulics discharge volume (max.)	70 l/min
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Kinematics

Kinematics type	P
Quick change system	Kramer HV/WL-C; includes Smart Attach

Steering

Steering angle max.	40 degree
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Noise characteristic values

Guaranteed sound power level LwA (cabin)	101 dB(A)
Measured sound power level LwA	99.4 dB(A)
Sound pressure level at the operator's ear	74 dB(A)

Dimensions



A1	Total length with standard attachment	5,359 mm
A2	Total length with standard attachment / extended loading system	5,665 mm
B1	Wheel base center	2,020 mm
C1	Rear overhang	1,490 mm
D3	Height with cab	2,490 mm
D6	Height with air-conditioning system	2,575 mm
D10	Total height with rotating beacon	2,765 mm
E1	Max. height blade pivot point	3,350 mm
E2	Max. height of hinge pin height / extended loading system	3,500 mm
F1	Load-over height	3,200 mm
F2	Load-over height / extended loading system	3,350 mm
G1	Dumping height	2,680 mm
G2	Dumping height / extended loading system	2,810 mm
H1	Dumping width	540 mm
H2	Dumping range / extended loading system	730 mm
I1	Digging depth	45 mm
J1	Total width	1,780 mm
K1	Ground clearance	330 mm
L1	Turning radius outer edge wheels	2,840 mm
M1	Steering angle	40 °
M2	Swing angle	22 °
N1	Dumping angle at max. lifting height	41 °
O1	Dumping angle at ground level	50 °
P1	Distance center front axle to tooth tip	1,860 mm
Q1	Bucket width	1,950 mm
R1	Stacking height	3,130 mm
R2	Stacking height / extended loading system	3,280 mm