

880

4-Wheel Steer Manoeuvrability.
Power to Spare Inside Compact Dimensions.
One-Piece Chassis for Superior Stability.

Kramer Wheel Loader 880



kramerALLRAD®

Technical Data Sheet

All data is valid for standard specification loader with standard bucket.



Engine

Make	Deutz
Type/design	TCD 2012 L4 turbocharged engine with charge-air cooler
Output	88 kW/120 HP @ 2400 rpm
Max. torque	420 Nm/1600 rpm
Displacement	4040cm ³
Emission	Tested and certified as per 97/68 EC, emissions standard level 3.



Power Transmission

Drive	Continuously variable hydrostatic axial-piston gearbox. 4-wheel drive. Brake/inching pedal.
Drive speed	0–20 kph, 0–35 kph optional
Axles	Planetary steering axles
Total oscillation angle	18°
Differential lock	100 % locked
Service brake	Hydraulic multidisc
Parking brake	negative hydraulic multidisc
Standard tyres	15.5-25



Steering and Work Hydraulics.

Mode of function	Hydrostatic all wheel steering
Steering pump	Separate steering pump
Steering ram	Double-acting, with automatic synchronisation
Steering angle	2x35°
Work pump	axial-piston variable displacement pump
Flow rate	140l/min standard
Pressure	270 bar
Filter	Combined suction reflux filter
Pressure limitation	Primary pressure limitation, secondary pressure in tilt ram/lift ram



Kinematics.

Design	Z-kinematics
Lifting capacity	66 kN
Tear out force	64 kN
Raise	4.8 sec
Lower	2.5 sec
Tilt in	1.2 sec
Dump out	1.0 sec
tilt in / tilt out angle	45°/45°
Tipping load (stand. bucket)	5400 kg
Tipping load (pallets)	4375 kg
Payload S=1.25 (pallets)	3500 kg
Payload S=1.67 (pallets)	2620 kg
Payload in transport position S=1.25 (pallets)	4500 kg
Scraping depth	100 mm



Capacities

Fuel tank	140 l
Hydraulic oil tank	125 l



Noise emissions

As per 2000/14/EC



Electric System

Operating voltage	12V
Battery	12V/88 Ah
Alternator	95 A
Starter	3.0 kW

880



Operational Data

Bucket capacity from – to 1.5 – 2.5 m³

Dimensions (with standard bucket and standard tyres)

a —	Height	2950 mm
b —	Length	6550 mm
c —	Width	2240 mm
d —	Ground clearance	450 mm
e —	Wheelbase	2300 mm
f —	Centre of front axle to tip of teeth	2270 mm
g —	Centre of rear axle to end of vehicle	1750 mm
h —	Bucket width	2300 mm
i —	Pin height	3780 mm
j —	Load-over height	3530 mm
k —	Dump height	2900 mm
l —	Dump reach	820 mm
	Pallet height	3470 mm
	Turning radius	
	Tyres	3450 mm
	Track circle	3230 mm
	Bucket	4750 mm

Weight 8400 kg

