

1150

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

Kramer Wheel Loader 1150



kramerALLRAD®

Technical Data Sheet

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



Engine

Make	Deutz
Type/design	BF4M 2011
	Oil-cooled, 4-cylinder, 4-stroke, in-line aspirated engine with direct fuel injection
Output	56 kW/76 HP @ 2300 rpm
Max. torque	270 Nm/1600 rpm
Displacement	3110cm ³
Emission	Tested and certified as per 97/68 EG, emissions standard level 2.



Power Transmission

Drive	Continuously variable hydrostatic axial-piston gearbox. 4-wheel drive. Brake/inching pedal.
Drive speed	0–20 kph, 0–30 kph option
Axles	Planetary steering axles
Total oscillation angle	22°
Differential lock	Self-locking differentials
Service brake	Hydraulic disc brake
Parking brake	Mechanical disc brake
Standard tyres	405/70-24



Steering and Work Hydraulics.

Mode of function	Hydrostatic all wheel steering
Steering pump	Work pump via priority valve
Steering ram	Double-acting, with automatic synchronisation in final positions
Steering angle	2x40°
Work pump	Gear pump
Flow rate	84l/min standard
Pressure	250 bar
Filter	Combined suction reflux filter
Pressure limitation	Primary pressure limitation, secondary pressure in tilt ram/lift ram



Kinematics.

Design	Parallel kinematics
Lifting capacity	48 kN
Tear out force	43 kN
Raise	5.6 sec
Lower	4.2 sec
Tilt in	1.3 sec
Dump out	1.5 sec
tilt in / tilt out angle	50°/45°
Tipping load (stand. bucket)	4140 kg
Tipping load (pallets)	3625 kg
Payload S=1.25 (pallets)	2900 kg
Payload S=1.67 (pallets)	2170 kg
Payload in transport position	
S=1.25 (pallets)	3500 kg
Scraping depth	40 mm



Capacities

Fuel tank	60 l
Hydraulic oil tank	50 l
Hydraulic system	75 l



Noise emissions

As per 2000/14/EC



Electric System

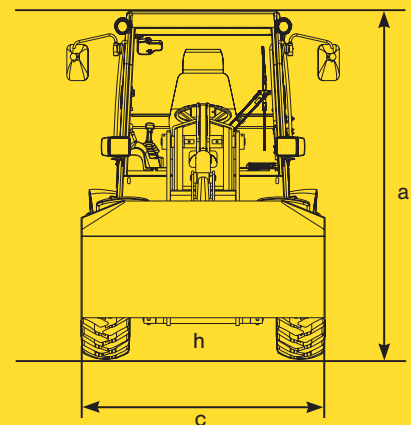
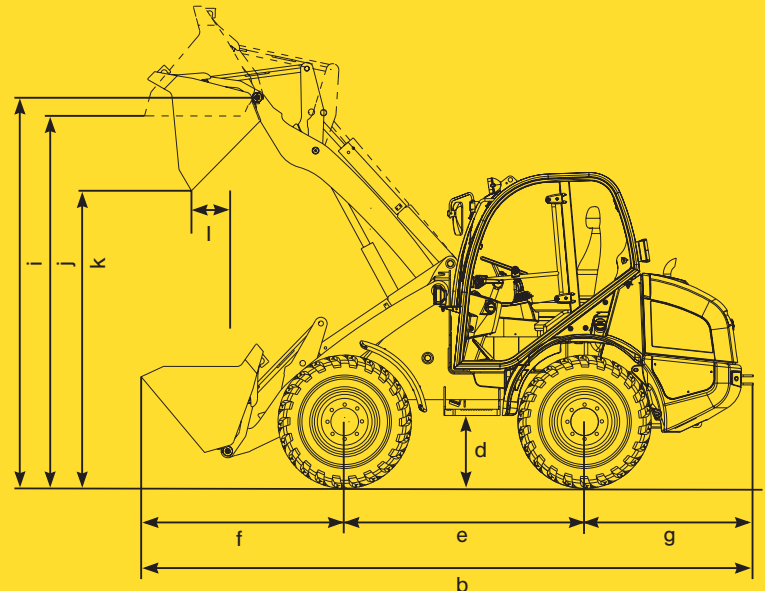
Operating voltage	12 V
Battery	12 V/88 Ah
Alternator	95 A
Starter	3.0 kW

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Operational Data

Bucket capacity from – to	1.15 – 1.8 m ³
Dimensions (with standard bucket and standard tyres)	
a — Height	2700 mm
b — Length	5800 mm
c — Width	1950 mm
d — Ground clearance	375 mm
e — Wheelbase	2150 mm
f — Centre of front axle to tip of teeth	2170 mm
g — Centre of rear axle to end of vehicle	1480 mm
h — Bucket width	2150 mm
i — Pin height	3500 mm
j — Load-over height	3285 mm
k — Dump height	2720 mm
l — Dump reach	660 mm
Pallet height	3280 mm
Turning radius	
Tyres	2850 mm
Track circle	2650 mm
Bucket	4050 mm
Weight	5900 kg



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