

KT144

Telehandlers < 3.5t



KRAMER
on the safe side



The most powerful compact genius

With its dimensions, with a height of under 2 metres and a width of approx. 1.60 metres, as well as its operating weight of about 3000 kilogrammes, the KT144 is the smallest model in the Kramer telehandler portfolio. Nevertheless, it has astonishing performance data: The stacking payload on the pallet fork is 1,450 kilogrammes, the lift height is 4.50 metres. Even when handling heavy loads (e.g. silage bales) there is a sufficient reserve to work with a great reach. The vehicle is equipped with the proven Kramer quick-hitch system with mechanical lock, as standard.

- Two engine versions: A Yanmar engine with 19 kilowatts or 25 hp forms the basis. The more powerful engine has 33 kilowatts or 45 hp.
- 3rd control circuit as standard Perfect for the operation of attachments with additional hydraulic functions, like a silage bucket.
- Powerful work hydraulics: The power amounts to maximum 36.4 litres per minute.
- Strong performance: The hydraulic power amounts to maximum 42 litres per minute, which enable a faster loading operation.
- 30 km/h & Powerflow available: For the large engine, an extended option is also available, whereby the top speed of 30 km/h and the performance hydraulics Powerflow is up to 70 litres per minute.

KT144 Technical specifications

Operating data

Max. payload	1,450 kg
Max. stack height	4,301 mm
Payload at max. stack height	1,450 kg
Payload at max. reach	725 kg
Stack height at max. payload	4,301 mm
Reach at max. payload	1,100 mm
Max. reach	2,289 mm
Turning radius over tyres	2,695 mm
Operating weight	3,000 kg

Engine / Motor

Engine / Motor manufacturer	Yanmar
Type / Model	8TNV80FT (standard) 3TNV86CHT (option)
Engine performance	18.4 kW
Emission standards stage	V
Exhaust aftertreatment system	DOC + DPF (option)

Power transmission

Traction drive	Hydrostat
Driving speed (standard)	20 km/h
Driving speed (option)	30 km/h
Differential lock	100 % (option)
Standard tires	10.0/75-15.3

Operating hydraulics

Duty pump	Gear pump
Max. pump discharge capacity (standard)	36.4 l/min
Max. pump pressure	220 bar

Filling capacities

Fuel tank	33 l
Hydraulic oil tank	36 l

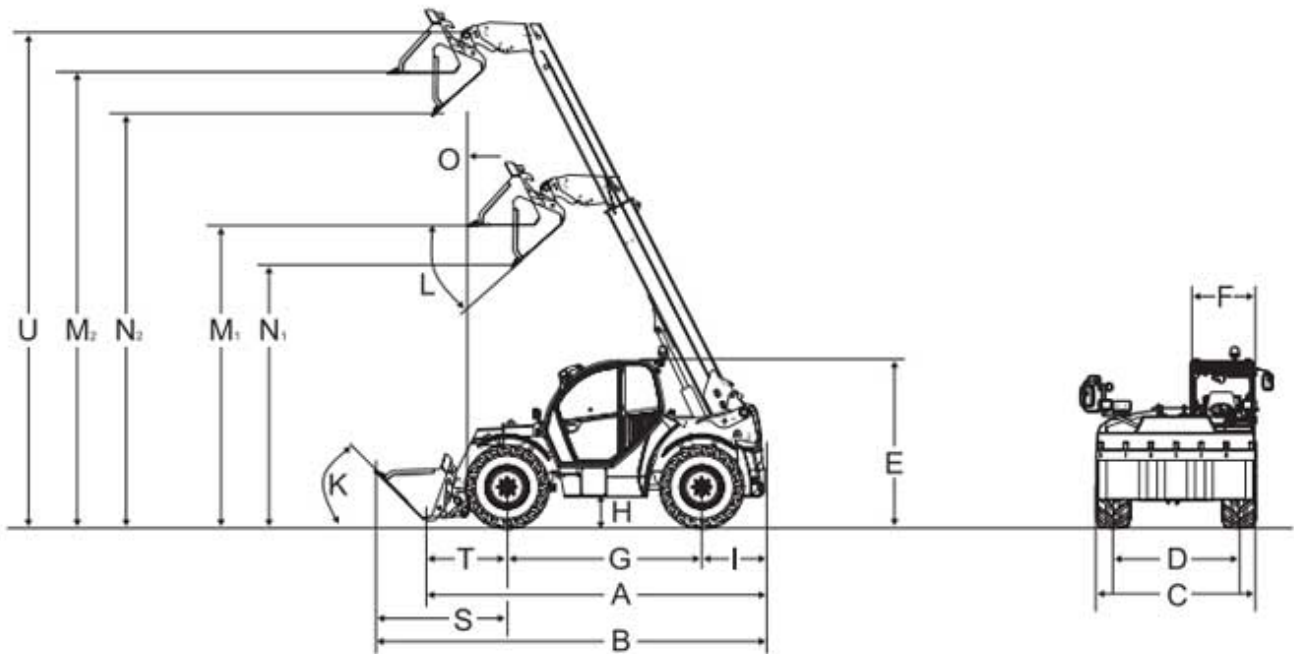
Sound emission

Measured value	99.5 dB(A)
Guaranteed value	101 dB(A)
Noise level at the driver's ear	84 dB(A)

Vibrations

Total vibrations value of the upper body extremities	< 2.5 m/s ² (< 8.2 feet/s ²)
Highest effective value of weighted acceleration for the body	< 0.5 m/s ² (< 1.64 feet/s ²)**** < 1.28 m/s ² (< 4.19 feet/s ²)*****

KT144 Dimensions



	Stack height	4,301 mm
A	Overall length	2,977 mm
B	Overall length with bucket	3,944 mm
C	Overall width without attachment	1,564 mm
	Total height	1,995 mm
	Cabin width	655 mm
	Wheelbase center	1,922 mm
H	Ground clearance under axle and gearbox	294 mm
I	Distance center of rear wheel to rear	427 mm
K	Tipping angle	44 °
L	Tip-out angle	31 °
M1	Overhead loading height - retracted	2,949 mm
M2	Overhead loading height - extended	4,163 mm
N1	Dumping height - retracted	2,352 mm
N2	Dumping height - extended	3,566 mm
T	Distance from the center of the bearing of the front wheel to the quick-change frame	450 mm
U	Bucket pivot point - extended	4,537 mm
	Turning radius at the outer edge of the wheels	2,695 mm
	Entry height, cabin floor	420 mm
	Turning radius at the outer edge of the bucket	3,550 mm

All statements without guarantee. More detailed information on engine power can be found in the operator's manual and product brochures. Subject to alterations and errors excepted. Applicable also to illustrations.