



KT457

Telehandler

The versatile and powerful telehandler

The Kramer KT457, specially designed for agriculture, is a versatile and powerful telescopic handler for the most demanding applications. The payload of 4.5 t and the stacking height of 7 m ensure top performance of the vehicle. Designed for high handling performance, the machine absorbs transverse forces through the lateral support of the telescopic arm during pushing operations with the loading system lowered. The powerful traction drive enables trailer loads of up to 20 t and a top speed of up to 40 km/h.

Drive system: Standard rpm reduction with ecospeed and ecospeedPRO to preserve the operator and the machine

Safety: No loads in the overload area as a result of the driver assistance system Smart Handling and the three different operating modes

Optimised operation: No relative movement and ergonomic work as a result of the joystick which is fixed to the operator's panel

View upwards: Externally positioned FOPS grate with suitable longitudinal struts, which incline outwards corresponding to the operator's field of vision

All-round visibility: Perfect overview of all sides thanks to the spacious cabin and flatly-designed engine bonnet

Technical Data

■ Standard engine data

Engine manufacturer	Deutz
Drive output	100 kW
Drive output	136 PS
at max. rpm	2,300 U/min
Cylinder capacity	3,621 cm ³
Exhaust standard level	V
Exhaust aftertreatment	DOC / DPF / SCR

■ Filling levels

Tank capacity for hydraulic oil	100 l
Tank capacity for urea solution	12 l

■ Drive system

Travel speed Standard	0-40 km/h
Travel speed Option 1	0-20 km/h
Travel speed Option 2	0-30 km/h
Differential lock	100% self-locking differential connectable in the front axle

■ Hydraulic system

Work hydraulics discharge volume (max.)	140 l/min
---	-----------

■ Steering

Steering angle max.	38 degree
---------------------	-----------

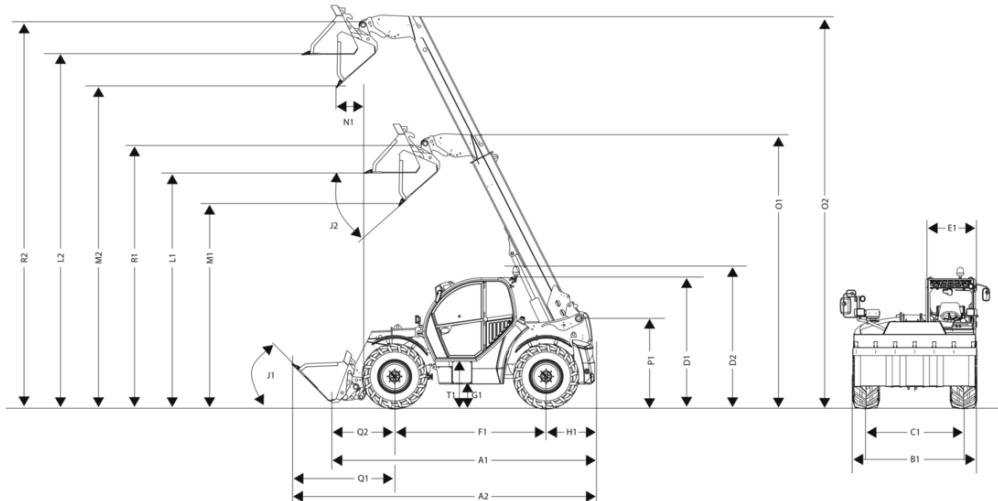
■ Noise characteristic values

Guaranteed sound power level LwA (cabin)	101 dB(A)
Measured sound power level LwA	97.6 dB(A)
Sound pressure level at the operator's ear	72 dB(A)

■ Weights

Payload (max.)	4,500 kg
Payload at max. reach	1,500 kg
Payload at max. stacking height	3,300 kg
Stacking height (max.)	7,017 mm
Payload max. (LSP 500 mm)	4,500 kg
Operating weight	8,100 - 9,100 kg
Thrust force (max.)	62.4 kN
Lift capacity (max.)	50.8 kN

Dimensions



A1	Total length	4,985 mm
A2	Total length with bucket	6,160 mm
B1	Total width without bucket	2,500 mm
C1	Front track: rear	2,065 mm
E1	Cab width	990 mm
F1	Wheel base center	2,950 mm
G1	Ground clearance under axle and transmission, wading depth	418 mm
H1	Distance center rear wheel to rear	950 mm
I1	Rear approach angle (slope angle)	35 °
J1	Dumping angle	45 °
J2	Dumping angle	41 °
L1	Load-over height: retracted	4,518 mm
L2	Load-over height: extended	6,835 mm
M1	Dumping height: retracted	3,865 mm
M2	Dumping height: extended	6,183 mm
N1	Dumping width: extended	495 mm
O1	Tele extension length: retracted	5,287 mm
O2	Tele extension length: extended	7,604 mm
P1	Total height telescopic arm mounting in frame	1,761 mm
Q1	Distance center front wheel to bucket leading edge	2,260 mm
Q2	Distance center front wheel bearing quick change frame	935 mm
R1	Bucket pivot point: retracted	5,092 mm
R2	Bucket pivot point: extended	7,409 mm
S1	Turning radius outer edge wheels	4,240 mm
S2	Turning radius outer edge bucket	5,265 mm
T1	Entry height cab floor	975 mm
D1	Total height	2,570 mm
D2	Total height with rotating beacon	2,740 mm
K1	Max. stacking height	7,017 mm