KT357

Telehandler

Strong performance in a compact format

The Kramer telehandler KT357 is the ideal telehandler for a variety of applications. The telehandler has a compact build and a small turning radius. Thanks to the stacking height of 7 m and a 3.5 metric ton payload, it can be used in different applications. The variable drive system up to a maximum of 40 km/h, Load Sensing work hydraulics and intelligent driver assistance system ensure maximum profitability.

Stacking height: Stacking height of 7.0 m with the telescopic loading system

Engine bonnet design: Perfect view of the working area due to the steeply sloping engine bonnet

Modern operating concept: 7” LCD display, all-in-one joystick and jog dial control element for easy machine control

Engine: Powerful Deutz engine of the EU exhaust emission stage V with the maximum output of 100 kW (136hp)

All-round visibility: Optional cab elevation by approx. 18 cm with an externally positioned FOPS grate and inclined longitudinal struts in accordance with the operator’s field of vision

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 cm³
Exhaust standard level	V
Exhaust aftertreatment	DOC / DPF / SCR

Weights

Payload (max.)	3,500 kg
Payload at max. reach	1,200 kg
Payload at max. stacking height	2,200 kg
Stacking height (max.)	7,000 mm
Payload max. (LSP 500 mm)	3,500 kg
Operating weight	6,170 - 7,500 kg
Thrust force (max.)	50 kN
Lift capacity (max.)	43 kN

Filling levels

Tank capacity for fuel	100 l
Tank capacity for hydraulic oil	100 l
Tank capacity for urea solution	9.5 l

Drive system

Travel speed Standard	0-30 km/h
Travel speed Option 1	0-20 km/h
Travel speed Option 2	0-40 km/h
Differential lock	100% connectible in the front axle (Option)

Hydraulic system

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

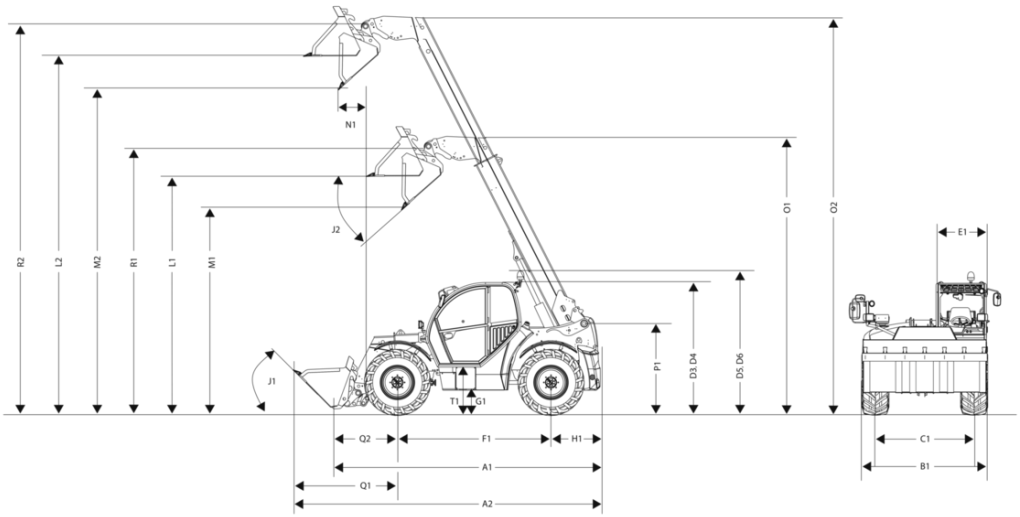
Steering

Steering angle max.	38 degree

Noise characteristic values

Guaranteed sound power level LwA (cabin)	101 dB(A)
Measured sound power level LwA	99.2 dB(A)
Sound pressure level at the operator's ear	72 dB(A)

Dimensions



A1	Total length	4,880 mm
A2	Total length with bucket	5,600 mm
B1	Total width without bucket	2,285 mm
C1	Front track: rear	1,880 mm
D3	Total height of low cab	2,310 mm
E1	Cab width	990 mm
F1	Wheel base center	2,850 mm
G1	Ground clearance under axle and transmission, wading depth	415 mm
H1	Distance center rear wheel to rear	740 mm
I1	Rear approach angle (slope angle)	60 °
J1	Dumping angle	49 °
J2	Dumping angle	41 °
L1	Load-over height: retracted	4,520 mm
L2	Load-over height: extended	6,820 mm
M1	Dumping height: retracted	4,030 mm
M2	Dumping height: extended	6,330 mm
N1	Dumping width: extended	110 mm
O1	Tele extension length: retracted	5,255 mm
O2	Tele extension length: extended	7,820 mm
P1	Total height telescopic arm mounting in frame	1,600 mm
Q1	Distance center front wheel to bucket leading edge	1,920 mm
Q2	Distance center front wheel bearing quick change frame	1,290 mm
R1	Bucket pivot point: retracted	5,035 mm
R2	Bucket pivot point: extended	7,335 mm
S1	Turning radius outer edge wheels	3,840 mm
S2	Turning radius outer edge bucket	5,000 mm
T1	Entry height cab floor	720 mm
D4	Total height of high cab	2,490 mm
D5	Total height of low cab with rotating beacon	2,540 mm
D6	Total height of high cab with rotating beacon	2,720 mm
K1	Max. stacking height	7,000 mm