



## KT559

### Telehandler

For your everyday masterpiece

The top model KT559 has a lift capacity of 5.5 metric tons and a stacking height of 8.75 m. The 156 hp-strong Deutz engine with a torque of 609 Nm combined with a max. bucket volume of up to 4 m<sup>3</sup> makes possible the highest handling outputs for applications in professional agriculture. The sensitive Load Sensing hydraulic pump produces up to 187 l/min, thus offering enough output for fast loading cycles. Even trailer loads of up to 20 metric tons are no problem for this telehandler.

**Heavy-duty axles:** Maximum vehicle traction, even with demanding application, due to the combination of 100% lock differential

**Four steering types:** All-wheel, front-axle and crab steering, and manual crab steering - the right type of steering for any application

**Stacking height:** Maximum stacking height of 8.75 m with telescopic loading system

**Engine:** Powerful Deutz engine of the EU exhaust emission stage V with a maximum output of 115 kW (156hp) and a wide-opening engine bonnet for easy maintenance

**Hydraulics:** Extremely quick work cycles as a result of the powerful work hydraulics with Load Sensing and maximum 187 l/min

## Technical Data

### ■ Standard engine data

Engine manufacturer	Deutz
Drive output	115 kW
Drive output	156 PS
at max. rpm	2,300 U/min
Cylinder capacity	4,038 cm <sup>3</sup>
Exhaust standard level	V
Exhaust aftertreatment	DOC / DPF / SCR
<b>■ Weights</b>	
Payload (max.)	5,500 kg
Payload at max. reach	2,200 kg
Payload at max. stacking height	5,500 kg
Stacking height (max.)	8,750 mm
Payload max. (LSP 500 mm)	5,500 kg
Operating weight	10,500 - 11,500 kg
Thrust force (max.)	67.6 kN

Lift capacity (max.) 67.3 kN

### ■ 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

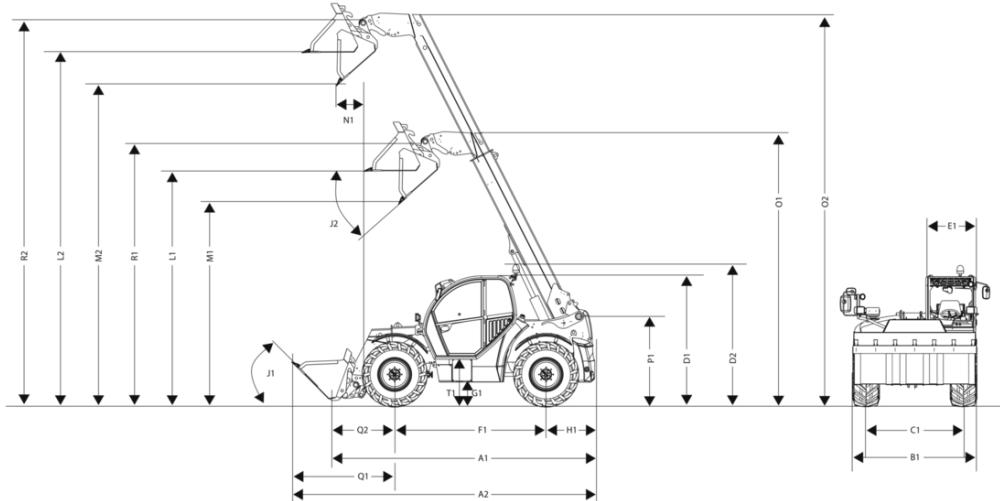
### ■ Steering

Steering angle max.	38 degree
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### ■ Noise characteristic values

Guaranteed sound power level LwA (cabin)	101 dB(A)
Measured sound power level LwA	97.1 dB(A)
Sound pressure level at the operator's ear	72 dB(A)

## Dimensions



A1	Total length	5,600 mm
A2	Total length with bucket	6,690 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	3,150 mm
G1	Ground clearance under axle and transmission, wading depth	412 mm
H1	Distance center rear wheel to rear	1,140 mm
I1	Rear approach angle (slope angle)	32 °
J1	Dumping angle	45 °
J2	Dumping angle	41 °
L1	Load-over height: retracted	5,545 mm
L2	Load-over height: extended	8,498 mm
M1	Dumping height: retracted	5,015 mm
M2	Dumping height: extended	7,997 mm
N1	Dumping width: extended	63 mm
O1	Tele extension length: retracted	6,277 mm
O2	Tele extension length: extended	9,243 mm
P1	Total height telescopic arm mounting in frame	1,935 mm
Q1	Distance center front wheel to bucket leading edge	2,400 mm
Q2	Distance center front wheel bearing quick change frame	1,310 mm
R1	Bucket pivot point: retracted	6,116 mm
R2	Bucket pivot point: extended	9,083 mm
S1	Turning radius outer edge wheels	4,415 mm
S2	Turning radius outer edge bucket	5,650 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	8,750 mm