



KT144

Telehandler

The powerful compact genius

The power rating of the KT144 is impressive despite its small dimensions. The stacking payload on the pallet fork is 1,450 kg, the lift height 4.3m. Even when handling heavy loads (e.g. silage bales), there is thus sufficient reserve to work with a big reach. This efficient machine impresses with its dynamic drive system, high payload, unbeatable maneuverability and low weight.

Two engine variants: In series a Yanmar engine with 19 kW or 25 hp. Optionally the more powerful engine with 33 kW or 45 hp

3rd Control circuit in series: Perfect for operating implements with additional hydraulic functions, such as a silage bucket

Powerful working hydraulics: The output is a maximum of 42 liters per minute, depending on the motorization, which enables fast loading cycles

Strong performance: Powerflow hydraulics with a maximum of 70 liters per minute enables operation of demanding attachments

Safety: The electric parking brake with hill-hold function provides more comfort and safety

Technical Data

■ Standard engine data

Engine manufacturer	Yanmar
Drive output	18.4 kW
Drive output	25 PS
at max. rpm	2,600 U/min
Cylinder capacity	1,226 cm ³
Exhaust standard level	V
Exhaust aftertreatment	DOC

■ Weights

Bucket capacity (standard bucket)	0.68 m ³
Payload (max.)	1,450 kg
Payload at max. reach	725 kg
Payload at max. stacking height	1,450 kg
Stacking height (max.)	4,301 mm
Payload max. (LSP 500 mm)	1,450 kg
Operating weight	3,050 - 3,350 kg
Thrust force (max.)	16.4 kN

Lift capacity (max.)	17.7 kN
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■ Filling levels

Tank capacity for fuel	33 l
Tank capacity for hydraulic oil	60 l

■ Drive system

Travel speed Standard	0-20 km/h
Travel speed Option 1	0-30 km/h

■ Hydraulic system

Work hydraulics discharge volume (max.)	36,4 l/min
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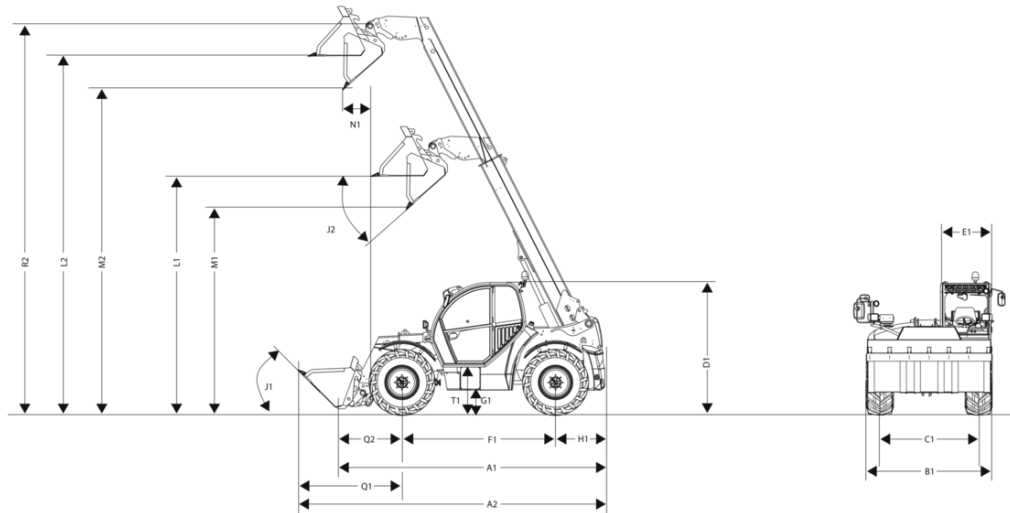
■ Steering

Steering angle max.	38 degree
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■ Noise characteristic values

Guaranteed sound power level L _{WA} (cabin)	101 dB(A)
Measured sound power level L _{WA}	99.5 dB(A)
Sound pressure level at the operator's ear	84 dB(A)

Dimensions



A1	Total length	3,092 mm
A2	Total length with bucket	4,215 mm
B1	Total width without bucket	1,564 mm
C1	Front track: rear	1,245 mm
E1	Cab width	702 mm
F1	Wheel base center	1,922 mm
G1	Ground clearance under axle and transmission, wading depth	294 mm
H1	Distance center rear wheel to rear	498 mm
J1	Dumping angle	38 °
J2	Dumping angle	36 °
L1	Load-over height: retracted	3,010 mm
L2	Load-over height: extended	4,224 mm
M1	Dumping height: retracted	2,272 mm
M2	Dumping height: extended	3,486 mm
N1	Dumping width: extended	669 mm
Q1	Distance center front wheel to bucket leading edge	1,699 mm
Q2	Distance center front wheel bearing quick change frame	450 mm
R2	Bucket pivot point: extended	4,537 mm
S1	Turning radius outer edge wheels	2,695 mm
S2	Turning radius outer edge bucket	3,660 mm
T1	Entry height cab floor	405 mm
D1	Total height	1,995 mm
K1	Max. stacking height	4,190 mm