



1445

Telehandler

The compact genius among telehandlers.

The power ratings of the 1445 are impressive despite its small dimensions. The stacking payload on the pallet fork is 1,450 kg, the lift height is 4.3 m. Even when handling heavy goods there is sufficient reserve to work with a great transmission range. The efficient machines impress with their dynamic all-wheel drive, high payload, unbeatable manoeuvrability and low weight.

Wide range of options: The Powerflow working hydraulics ensure fast work cycles, the air conditioning provides the necessary comfort and the three steering modes provide agility when driving.

LED work lights: The headlights provide optimal visibility for drivers at the front and rear, as well as on the telescopic arm.

Comfortable cab: A modern design and optimized visibility, as well as ergonomically placed controls and low vibration.

High maneuverability: Thanks to its ultra-compact dimensions, the 1445 copes perfectly with confined spaces.

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

Technical Data

Exhaust after-treatment	DOC	Payload max. (LSP 500 mm)	1,450 kg
Engine manufacturer	Yanmar	Ripping force / Break out force (max.) 16.4 kN
Drive output	18.4 kW	Lift capacity (max.)	17.7 kN
at max. rpm	2,600 U/min	Stacking height (max.)	4,301 mm
Displacement	1,226 cm ³	Tank capacity for fuel	33
Drive output	25 PS	Tank capacity for hydraulic oil	60 I
Bucket content (standard bucket)	0.68 m³	Travel speed Standard	0-20 km/h
Operating weight	3,050 - 3,350 kg	Travel speed Option 1	0-30 km/h
Payload (max.)	1,450 kg	Work hydraulics discharge volume (max.)	36,4 l/min
Payload at max. reach	725 kg	Work hydraulics working pressure (max.)	220 bar
Payload at max. stacking height	1,450 kg	Steering angle max.	38 Grad

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Dimensions

A2Total length with bucket3,944 mmB1Total width without bucket1,564 mmC1Front track/rear1,245 mmD1Total height1,995 mmE1Cab width665 mmF1Wheel base center1,922 mmG1Ground clearance under axle and transmission, wading depth294 mmH1Distance center rear wheel to rear427 mmJ1Dumping angle44°J2Dumping angle31°K1Load-over height / retracted2,949 mmK2Load-over height / retracted3,566 mmM1Dumping width / extended3,666 mmM1Dumping width / extended476 mmM2Distance center front wheel bucket leading edge1,595 mmP2Distance center front wheel bucket leading edge4,507 mmM1Dumping width / extended4,507 mmM2Distance center front wheel bucket leading edge1,595 mmP2Distance center front wheel bucket leading edge4,507 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge wheels3,550 mmS1Entry height cab floor420 mm	A1	Total length	2,977 mm
C1Front track/rear1.445 mmD1Total height1.995 mmE1Cab width665 mmF1Wheel base center1.922 mmG1Ground clearance under axle and transmission, wading depth294 mmH1Distance center rear wheel to rear427 mmJ1Dumping angle44°J2Dumping angle31°K1Load-over height / retracted2,949 mmK2Load-over height / retracted2,352 mmL1Dumping height / retracted3,666 mmM1Dumping width / extended476 mmP1Distance center front wheel to bucket leading edge1,595 mmP2Distance center front wheel bearing quick change frame450 mmQ2Bucket pivot point / extended4,537 mmR1Turning radius outer edge bucket3,650 mmR2Turning radius outer edge bucket3,550 mm	A2	Total length with bucket	3,944 mm
D1Total height1,995 mmE1Cab width655 mmF1Wheel base center1,922 mmG1Ground clearance under axle and transmission, wading depth294 mmH1Distance center rear wheel to rear427 mmJ1Dumping angle44 °J2Dumping angle31 °K1Load-over height / retracted2,949 mmK2Load-over height / extended4,163 mmL1Dumping height / extended3,566 mmM1Dumping width / extended476 mmP1Distance center front wheel to bucket leading edge1,595 mmP2Distance center front wheel bearing quick change frame450 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	B1	Total width without bucket	1,564 mm
E1Cab width655 mmF1Wheel base center1,922 mmG1Ground clearance under axle and transmission, wading depth294 mmH1Distance center rear wheel to rear427 mmJ1Dumping angle44°J2Dumping angle31°K1Load-over height / retracted2,949 mmK2Load-over height / retracted2,352 mmL1Dumping height / retracted3,566 mmM1Dumping width / extended476 mmP1Distance center front wheel to bucket leading edge1,595 mmP2Bucket pivot point / extended4537 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	C1	Front track/rear	1,245 mm
F1Wheel base center1,922 mmG1Ground clearance under axle and transmission, wading depth294 mmH1Distance center rear wheel to rear427 mmJ1Dumping angle44°J2Dumping angle31°K1Load-over height / retracted2,949 mmK2Load-over height / retracted2,352 mmL1Dumping height / extended3,566 mmM1Dumping width / extended476 mmP1Distance center front wheel to bucket leading edge1,595 mmP2Distance center front wheel bearing quick change frame450 mmQ2Bucket pivot point / extended4,537 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	D1	Total height	1,995 mm
G1Ground clearance under axle and transmission, wading depth294 mmH1Distance center rear wheel to rear427 mmJ1Dumping angle44°J2Dumping angle31°K1Load-over height / retracted2,949 mmK2Load-over height / extended4,163 mmL1Dumping height / retracted2,352 mmL2Dumping height / extended3,566 mmM1Dumping width / extended476 mmP1Distance center front wheel to bucket leading edge1,595 mmQ2Bucket pivot point / extended450 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	E1	Cab width	655 mm
H1Distance center rear wheel to rear427 mmJ1Dumping angle44°J2Dumping angle31°K1Load-over height / retracted2,949 mmK2Load-over height / extended4,163 mmL1Dumping height / retracted2,352 mmL2Dumping height / extended3,566 mmM1Dumping width / extended476 mmP1Distance center front wheel to bucket leading edge1,595 mmP2Distance center front wheel bearing quick change frame450 mmQ2Bucket pivot point / extended4,537 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	F1	Wheel base center	1,922 mm
J1Dumping angle44°J2Dumping angle31°K1Load-over height / retracted2,949 mmK2Load-over height / extended4,163 mmL1Dumping height / retracted2,352 mmL2Dumping height / retracted3,566 mmL1Dumping width / extended476 mmP1Distance center front wheel to bucket leading edge1,595 mmP2Distance center front wheel bearing quick change frame450 mmQ2Bucket pivot point / extended4,537 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	G1	Ground clearance under axle and transmission, wading depth	294 mm
J2Dumping angle31°K1Load-over height / retracted2,949 mmK2Load-over height / extended4,163 mmL1Dumping height / retracted2,352 mmL2Dumping height / extended3,566 mmM1Dumping width / extended476 mmP1Distance center front wheel to bucket leading edge1,595 mmP2Distance center front wheel bearing quick change frame450 mmQ2Bucket pivot point / extended4,537 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	H1	Distance center rear wheel to rear	427 mm
K1Load-over height / retracted2,949 mmK2Load-over height / extended4,163 mmL1Dumping height / retracted2,352 mmL2Dumping height / extended3,566 mmM1Dumping width / extended476 mmP1Distance center front wheel to bucket leading edge1,595 mmP2Distance center front wheel bearing quick change frame450 mmQ2Bucket pivot point / extended4,537 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	J1	Dumping angle	44 °
K2Load-over height / extended4,163 mmL1Dumping height / retracted2,352 mmL2Dumping height / extended3,566 mmM1Dumping width / extended476 mmP1Distance center front wheel to bucket leading edge1,595 mmP2Distance center front wheel bearing quick change frame450 mmQ2Bucket pivot point / extended4,537 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	J2	Dumping angle	31 °
L1Dumping height / retracted2,352 mmL2Dumping height / extended3,566 mmM1Dumping width / extended476 mmP1Distance center front wheel to bucket leading edge1,595 mmP2Distance center front wheel bearing quick change frame450 mmQ2Bucket pivot point / extended4,537 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	K1	Load-over height / retracted	2,949 mm
L2Dumping height / extended3,566 mmM1Dumping width / extended476 mmP1Distance center front wheel to bucket leading edge1,595 mmP2Distance center front wheel bearing quick change frame450 mmQ2Bucket pivot point / extended4,537 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	K2	Load-over height / extended	4,163 mm
M1Dumping width / extended476 mmP1Distance center front wheel to bucket leading edge1,595 mmP2Distance center front wheel bearing quick change frame450 mmQ2Bucket pivot point / extended4,537 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	L1	Dumping height / retracted	2,352 mm
P1Distance center front wheel to bucket leading edge1,595 mmP2Distance center front wheel bearing quick change frame450 mmQ2Bucket pivot point / extended4,537 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	L2	Dumping height / extended	3,566 mm
P2Distance center front wheel bearing quick change frame450 mmQ2Bucket pivot point / extended4,537 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	M1	Dumping width / extended	476 mm
Q2Bucket pivot point / extended4,537 mmR1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	P1	Distance center front wheel to bucket leading edge	1,595 mm
R1Turning radius outer edge wheels2,695 mmR2Turning radius outer edge bucket3,550 mm	P2	Distance center front wheel bearing quick change frame	450 mm
R2Turning radius outer edge bucket3,550 mm	Q2	Bucket pivot point / extended	4,537 mm
	R1	Turning radius outer edge wheels	2,695 mm
S1Entry height cab floor420 mm	R2	Turning radius outer edge bucket	3,550 mm
	S1	Entry height cab floor	420 mm

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