



8145**T**

Telescopic wheel loader

More power. More range. More telescopic wheel loaders.

In the 9 to 11 ton class, the 8145T can be used for material handling on large construction sites and for loading and unloading heavy transport chains and carriers in industry and recycling. Due to the compact box design of the loading system, the view of the various attachments is always unrestricted.

Continuously variable hydrostatic transmission:& amp;#160;The ecospeedPRO for the speed range up to 40 km/h including optional Smart Driving.

Powerful: The load-sensing hydraulics enable fast work cycles with 150 l/min or optional 180 l/min.

Engine: A 100 kW Deutz TCD 3.6 L4 engine or optionally a 115 kW Deutz TCD 4.1 L4 engine.

Innovative interior: The ergonomically arranged controls and excellent all-round visibility ensure fatigue-free and efficient work.

Intelligent airflow: The reversing fan ensures high cooling capacity with low maintenance, as no dust is stirred up by the airflow.

Technical Data

Exhaust after-treatment	DOC / DPF / SCR	Payload (S=1.25)	3,900 kg
Engine manufacturer	Deutz	Tank capacity for fuel	140 l
Drive output	100 kW	Tank capacity for hydraulic oil	125 I
Displacement	3,621 cm ³	Travel speed Standard	0-20 km/h
Drive output	136 PS	Travel speed Option 1	0-30 km/h
Bucket content (standard bucket)	1.45 m³	Travel speed Option 2	0-40 km/h
Operating weight	11,170 kg	Work hydraulics discharge volume (max.)	150 l/min
Tipping load (standard bucket)	5,500 kg	Work hydraulics working pressure (max.)	250 bar
Tipping load (pallet fork)	4,870 kg	Kinematics type	Z
Payload (max.)	3,900 kg	Steering angle max.	40 Grad

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Dimensions

B1Wheel base center2,620 mmD5Height with cab3,060 mmG1Max. height blade pivot point / retracted4,285 mmG2Max. height blade pivot point / extended5,425 mmH1Load-over height / retracted4,045 mmH2Load-over height / retracted5,185 mmH1Dumping height / retracted3,330 mmI2Dumping height / retracted3,330 mmI2Dumping height / extended1,255 mmJ1Dumping width / retracted1,685 mmJ2Dumping width / extended1,685 mmL1Total width2,500 mmM1Ground clearance445 mmO1Steering angle40°P1Swing angle43°R1Dumping angle at ground level43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	A1	Total length	7,020 mm
G1Max. height blade pivot point / retracted4,285 mmG2Max. height blade pivot point / extended5,425 mmH1Load-over height / retracted4,045 mmH2Load-over height / retracted5,185 mmH1Dumping height / retracted3,330 mmI2Dumping height / retracted3,330 mmI2Dumping width / retracted1,255 mmJ1Dumping width / retracted1,255 mmJ2Dumping width / extended150 mmL1Total width2,500 mmM1Ground clearance445 mmO1Steering angle40 °P1Swing angle at ground level43 °R1Dumping angle at max. lifting height / retracted40 °Y1Bucket width2,500 mm	B1	Wheel base center	2,620 mm
G2Max. height blade pivot point / extended5,425 mmH1Load-over height / retracted4,045 mmH2Load-over height / extended5,185 mmH1Dumping height / retracted3,330 mmI2Dumping height / retracted3,330 mmJ1Dumping width / retracted1,255 mmJ2Dumping width / retracted1,685 mmK1Digging depth150 mmL1Total width2,500 mmM1Ground clearance445 mmO1Steering angle40°P1Swing angle at ground level43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	D5	Height with cab	3,060 mm
H1Load-over height / retracted4,045 mmH2Load-over height / extended5,185 mmH2Dumping height / extended3,330 mmH2Dumping height / extended3,330 mmH2Dumping height / extended4,470 mmJ1Dumping width / retracted1,255 mmJ2Dumping width / extended1,685 mmK1Digging depth150 mmL1Total width2,500 mmM1Ground clearance445 mmO1Steering angle40°P1Swing angle at ground level43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	G1	Max. height blade pivot point / retracted	4,285 mm
H2Load-over height / extended5,185 mmH2Load-over height / extended3,330 mmI1Dumping height / retracted3,330 mmI2Dumping height / extended4,470 mmJ1Dumping width / retracted1,255 mmJ2Dumping width / extended1,685 mmK1Digging depth150 mmL1Total width2,500 mmM1Ground clearance445 mmO1Steering angle40°P1Swing angle24°Q3Dumping angle at ground level43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	G2	Max. height blade pivot point / extended	5,425 mm
IndexDumping height / retracted3,330 mmI2Dumping height / extended4,470 mmJ1Dumping width / retracted1,255 mmJ2Dumping width / extended1,685 mmK1Digging depth150 mmL1Total width2,500 mmM1Ground clearance445 mmO1Steering angle40°P1Swing angle24°Q3Dumping angle at ground level43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	H1	Load-over height / retracted	4,045 mm
I2Dumping height / extended4,470 mmJ1Dumping width / retracted1,255 mmJ2Dumping width / extended1,685 mmK1Digging depth150 mmL1Total width2,500 mmM1Ground clearance445 mmO1Steering angle40°P1Swing angle43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	H2	Load-over height / extended	5,185 mm
J1Dumping width / retracted1,255 mmJ2Dumping width / extended1,685 mmK1Digging depth150 mmL1Total width2,500 mmM1Ground clearance445 mmO1Steering angle40°P1Swing angle24°Q3Dumping angle at ground level43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	11	Dumping height / retracted	3,330 mm
J2Dumping width / extended1,685 mmK1Digging depth150 mmL1Total width2,500 mmM1Ground clearance445 mmO1Steering angle40°P1Swing angle24°Q3Dumping angle at ground level43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	12	Dumping height / extended	4,470 mm
K1Digging depth150 mmL1Total width2,500 mmM1Ground clearance445 mmO1Steering angle40°P1Swing angle24°Q3Dumping angle at ground level43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	J1	Dumping width / retracted	1,255 mm
L1Total width2,500 mmM1Ground clearance445 mmO1Steering angle40°P1Swing angle24°Q3Dumping angle at ground level43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	J2	Dumping width / extended	1,685 mm
M1Ground clearance445 mmO1Steering angle40°P1Swing angle24°Q3Dumping angle at ground level43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	K1	Digging depth	150 mm
O1Steering angle40°P1Swing angle24°Q3Dumping angle at ground level43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	L1	Total width	2,500 mm
P1Swing angle24°Q3Dumping angle at ground level43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	M1	Ground clearance	445 mm
Q3Dumping angle at ground level43°R1Dumping angle at max. lifting height / retracted40°Y1Bucket width2,500 mm	01	Steering angle	40 °
R1Dumping angle at max. lifting height / retracted40 °Y1Bucket width2,500 mm	P1	Swing angle	24 °
Y1 Bucket width 2,500 mm	Q3	Dumping angle at ground level	43 °
	R1	Dumping angle at max. lifting height / retracted	40 °
70 Stooling height / outended	Y1	Bucket width	2,500 mm
Zz Stacking height / extended 5,225 mm	Z2	Stacking height / extended	5,225 mm

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