



## 8145T

### 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:** 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

### Standard engine data

Engine manufacturer	Deutz
Drive output	100 kW
Drive output	136 PS
Cylinder capacity	3,621 cm <sup>3</sup>
Exhaust standard level	V
Exhaust aftertreatment	DOC / DPF / SCR

### Weights

Bucket capacity (standard bucket)	1.45 m <sup>3</sup>
Payload (max.)	3,900 kg
Operating weight	11,170 kg
Payload (S=1.25)	3,900 kg
Tipping load (standard bucket)	5,500 kg
Tipping load (pallet fork)	4,870 kg

### Filling levels

Tank capacity for fuel	140 l
------------------------	-------

Tank capacity for hydraulic oil 125 l

### Drive system

Travel speed Standard	0-20 km/h
Travel speed Option 1	0-30 km/h
Travel speed Option 2	0-40 km/h

### Hydraulic system

Work hydraulics discharge volume (max.)	150 l/min
---	-----------

### Kinematics

Kinematics type	Z
-----------------	---

### Steering

Steering angle max.	40 degree
---------------------	-----------

### Noise characteristic values

Guaranteed sound power level L <sub>wA</sub> (cabin)	102 dB(A)
Measured sound power level L <sub>wA</sub>	100.7 dB(A)
Sound pressure level at the operator's ear	70 dB(A)

## Dimensions



A1	Total length with standard attachment	7,020 mm
B1	Wheel base center	2,620 mm
C1	Rear overhang	1,520 mm
D3	Height with cab	3,010 mm
D10	Total height with rotating beacon	3,275 mm
E1	Max. height blade pivot point: retracted	4,285 mm
E2	Max. height blade pivot point : extended	5,420 mm
F1	Load-over height: retracted	4,040 mm
F2	Load-over height: extended	5,170 mm
G1	Dumping height: retracted	3,330 mm
G2	Dumping height: extended	4,460 mm
H1	Dumping width: retracted	1,110 mm
H2	Dumping width: extended	1,510 mm
I1	Digging depth	150 mm
J1	Total width	2,500 mm
J2	Track width	1,955 mm
K1	Ground clearance	445 mm
L1	Turning radius outer edge wheels	3,865 mm
M1	Steering angle	40 °
M2	Swing angle	24 °
N1	Dumping angle at max. lifting height: retracted	40 °
N2	Dumping angle at max. lifting height: extended	40 °
O1	Dumping angle at ground level	40 °
P1	Distance center front axle to tooth tip	3,841 mm
Q1	Bucket width	2,500 mm
R1	Stacking height: retracted	4,120 mm
R2	Stacking height: extended	5,250 mm