8180
Wheel Loader

An absolute maximum of performance.

With its extremely robust design and absolutely comfortable interior, the 8180 is one of the flagships of the 8-series premium range. The spacious cab with ergonomically arranged controls and the machine's performance leave nothing to be desired. The 115 kW powerful Deutz engine provides top-level performance.

Powerful engine:&#160;The 115 kW Deutz engine provides plenty of power.

ecospeedPRO transmission:&#160;A speed of up to 40 km/h with automatic speed regulation through the integrated Smart Driving.

Outstanding traction: The switchable 100% differential lock in the front axle and rear axle is best suited for muddy ground.

Comfort:&#160;The standard automatic climate control allows you to work comfortably even in extreme temperatures.

Interior: An integrated rearview camera on the 7-inch LCD display.

Technical Data

Exhaust after-treatment	DOC / DPF / SCR		Payload (S=1.25 extended loader unit)	4,000 kg
Engine manufacturer	Deutz		Tank capacity for fuel	140 l
Drive output	115 kW		Tank capacity for hydraulic oil	125 l
Displacement	4,038 cm³		Travel speed Standard	0-20 km/h
Drive output	156 PS		Travel speed Option 1	0-30 km/h
Bucket content (standard bucket)	1.80 m³		Travel speed Option 2	0-40 km/h
Operating weight	11,050 - 11,220 kg		Work hydraulics discharge volume (max.)	180 l/min
Tipping load (standard bucket)	6,900 kg		Work hydraulics working pressure (max.)	250 bar
Tipping load (pallet fork)	6,000 kg		Kinematics type	PZ
Payload (max.)	4,800 kg		Steering angle max.	40 Grad
Payload (S=1.25)	4,800 kg			

Dimensions

A1	Total length	6,550 mm
B1	Wheel base center	2,620 mm
D5	Height with cab	3,060 mm
H1	Load-over height	3,520 mm
I1	Dumping height	2,695 mm
K1	Digging depth	150 mm
J1	Dumping width	1,172 mm
L1	Total width	2,500 mm
M1	Ground clearance	445 mm
Q2	Dumping angle at ground level	45 °
R1	Dumping angle at max. lifting height	45 °
O1	Steering angle	40 °
P1	Swing angle	24 °
Z1	Stacking height	3,605 mm
Y1	Bucket width	2,500 mm