



WL95

Wheel Loader

Work comfortably and safer

The WL95 wheel loader offers the operator maximum working comfort: a large and comfortable cab, a multi-function joystick and simple hydraulic oil volume adjustment via jog dial. The roominess and overall layout of the cab, as well as the ergonomically arranged operating controls, allow for safer and fatigue-free work. The machine is equipped with the variable hydrostatic transmission ecospeed Pro, which is just as compact and energy-efficient as traditional drive systems, but achieves significantly higher tractive forces and travel speeds. The WL95 accelerates variably and evenly with ecospeed Pro and up to 24.85 mph without interruptions in tractive force.

Highlights

- Eco Speed Pro: continuously variable hydrostatic transmission
- {30/40 km/h}{18.64/24.85 mph} speed
- Automatic air-conditioning system
- Clear 7-inch digital display
- Joystick console spring-mounted on the operator's seat

Technical Data

Standard engine data

Engine manufacturer	• Deutz
Motor type	TCD 3.6 S5
Cylinder	4
Drive output	100 kW
Drive output	134.1 HP
at max. rpm	2,300 rpm
Cylinder capacity	220.97 in ³
Type of coolant	• Water/charge air
Exhaust standard level	• V
Exhaust aftertreatment	DOC/DPF/SCR

Engine data Option 1

Engine manufacturer	• Deutz
Motor type	TCD 4.1 S5
Cylinder	4
Drive output	115 kW
Drive output	154.2 HP
at max. rpm	2,300 rpm
Cylinder capacity	246.41 in ³
Type of coolant	• Water/charge air

Exhaust standard level	• V
Exhaust aftertreatment	DOC/DPF/SCR

Electrical system

Operating voltage	12 V
Battery	185 Ah
Alternator	120 A

Weights

Bucket capacity (standard bucket)	54.74 ft ³
Operating weight	22,906 lb
Tipping load with bucket – machine straight, loading frame horizontal	14,394 lb
Tipping load with bucket – machine pivoted, loading frame horizontal	12,672 lb
Tipping load with pallet fork – machine straight, loading frame horizontal	11,841 lb
Tipping load with pallet fork – machine pivoted, loading frame horizontal	10,423 lb

Driver's cab

Driver's cab	Cab
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Filling levels

Tank capacity for fuel	36.98 US gal
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Tank capacity for hydraulic oil	33.02 US gal
Tank capacity for urea solution	3.17 US gal

■ Drive system

Type of drive	Hydrostatic
drive unit	universal joint shaft
Speed levels	3
Axle	PA 1900
Travel speed Standard	0-12.43 mph
Travel speed Option 1	0-18.64 mph
Travel speed Option 2	0-24.85 mph
Operating brake	Multi-disc brake on front axle acting on rear axle via universal joint shaft
Parking brake	Electro-hydraulic multi-disc brakes with spring suspension in the front axle acting on rear axle via articulated universal joint shaft
Differential lock	100 % front axle + rear axle

■ Hydraulic system

Drive hydraulics working pressure (max.)	6,962 psi
Work hydraulics discharge volume (max.)	39.63 (47.55) gpm

Work hydraulics working pressure (max.)	3,626 psi
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■ Kinematics

Kinematics type	Z
Lifting cylinder	2
Tipping cylinder	1
Quick change system	hydraulic

■ Steering

Steering type	Hydraulic articulated steering with oscillating axle
Steering cylinder	2
Oscillating angle of the rear axle	± 12 degree

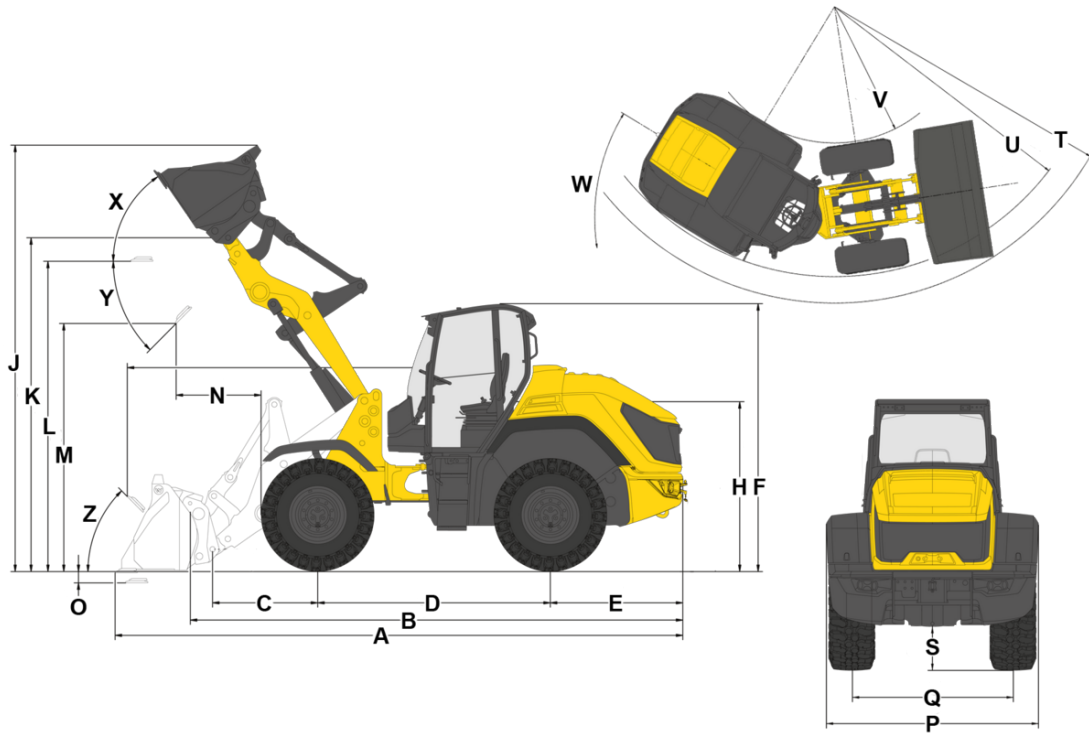
■ Noise characteristic values

Average sound power level LwA (cabin)	100.7 dB(A)
Guaranteed sound power level LwA (cabin)	102 dB(A)
Specified sound pressure level LpA (cabin)	70 dB(A)

■ Other information

FSD = overhead guard
 DPF = diesel particulate filter
 DOC = diesel oxidation catalyst
 SCR = selective catalytic reduction
 Tipping load calculation pursuant to ISO 14397

Dimensions



A	Total length	254.7 in
B	Total length without bucket	220.9 in
C	Bucket pivot point (to center of axle)	47.2 in
D	Wheel base	104.7 in
E	Rear overhang	59.8 in
F	Height with cab	120.5 in
H	Seat height	76.4 in
J	Total working height	188.2 in
K	Bucket pivot point (max. lift height)	150.4 in
L	Load-over height	139.8 in
M	Dumping height	112.6 in
N	Reach (at M)	38.2 in
O	Digging depth	5.4 in
P	Total width	94.1 in
Q	Track width	71.7 in
S	Ground clearance	19.7 in
T	Maximum external radius	211.4 in
U	Radius on the outer edge	192.9 in
V	Inner radius	96.5 in
W	Articulation angle	40 °
X	Rollback angle at max. lift height	61 °
Y	Dumping angle	45 °
Z	Rollback angle on ground	45 °