



WL50

Articulated Wheel Loaders



WL 50 Articulated Wheel Loader

The WL 50 offers high payloads to provide better breakout force and lifting capacities. Its ergonomic design enhances operator comfort and improves productivity. Operating elements, including a multifunctional single lever control and an additional lever for third control circuit, are conveniently arranged next to the driver's seat for easy operation. Driver's cab features excellent visibility and an infinitely adjustable steering column. This unit features a hydraulically operated centrally-articulated pendulum steering system. The WL 50 provides a tight turning radius for added maneuverability in small areas. Model is available with cab or canopy.

- 100% on demand differential lock provides the operator with superior traction in slippery wet conditions or when driving into a pile of material.
- PZ kinematics system ensures that power and speed are always optimum when raising and lowering the lift arms.
- Excellent service access with tiltable cab and engine hood that opens 90-degrees, allowing full access to all engine and hydraulic components.
- Economical 74 hp turbo charged Deutz engine provides the necessary power to complete the most demanding jobs.
- Hydraulic quick-hitch system and standard auxiliary hydraulics allow for efficient changing from one attachment to another.



Technical specifications

Engine / Motor

Engine / Motor manufacturer	Deutz
Engine / Motor type	TD2011 L04w
Cylinder	4
Engine performance	74 hp
at rpm maximum	2,300 rpm
Displacement	221 in ³
Coolant type	Water

Electrical system

Operating voltage	12 V
Battery	95 Ah
Alternator	95 A

Weights

Operating weight Cab	10,660 lb
Operating weight Cab	10,209 lb
Lifting force maximum	9,761 lb
Breakaway force maximum	7,713 lbf
Tipping load with bucket - machine straight	6,867 lb
Tipping load with pallet fork - machine straight	5,708 lb

Vehicle data

Bucket capacity Standard	0.98 yd ³
Speed Level 1	0-4.6 mph
Speed Level 2	0-12.4 mph

Hydraulic system

Driving hydraulics - operating pressure	6,454 psi
Driving hydraulics - discharge capacity	34 US gpm
Operating hydraulics - operating pressure	3,336 psi
Operating hydraulics - discharge capacity	17 US gpm



Filling capacities

Tank capacity	24 US gal
Engine oil	11.1 US qt
Hydraulic oil tank	84.5 US qt
Hydraulic system	105.7 US qt
Coolant	10.6 US qt
Front axle	4.4 US qt
Rear axle	5.2 US qt

Sound level

Cabin - specified sound pressure level LpA	78 dB(A)
Sound level (LwA)	101 dB(A)

Standard bucket = digging bucket, width 1900 mm



Dimensions

A	Overall length in	213
B	Overall length without bucket in	179
C	Bucket pivot point to axle center in	40.6
D	Wheelbase in	78.9
E	Rear overhang in	57
F	Height with canopy in	102.4
F	Height with cab in	102.4
H	Seat height in	61.5
J	Total operating height in	161
K	Bucket pivot point max.stroke height in	131.3
L	Overhead loading height in	121.8
M	Dumping height in	101.1
N	Range at M in	28.5
O	Scraping depth in	2
P	Overall width in	72.4
Q	Track width in	55.1
S	Ground clearance in	14.8
T	Radius maximum in	153.9
U	Radius at outer edge in	135.8
V	Inside turning radius in	60.9
W	Articulation angle °	44
X	Reverse roll angle at max.stroke height °	45
Y	Tip-out angle maximum °	38
Z	Reverse roll angle at ground level °	43

Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

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