Articulated Wheel Loaders





The powerful little guy

Thanks to its narrow machine width, the wheel loader WL32 provides first-class work results, above all in confined spaces. Its low passage height also makes it the ideal supplier of material in structural works or buildings. It is therefore very powerful on the go with up to 100 liters of hydraulic performance and is ideal for the use of additional attachments.

- Compact dimensions with a passage height of less than 2.5 meters
- Powerful hydraulic performance with up to 100 liters
- Low turning radius
- Hydrostatic all-wheel drive and articulated pendulum steering
- Large selection of attachments

WL32 Technical specifications

WL32

Engine / Motor manufacturer Perkins Perkins Engine / Motor manufacturer 404 0-22 404 0-22 Chigine performance kW 36.3 36.3 at prim Maximum rpm 2,800 2,800 Displacement cm² 2,216 2216 Coolent type Water Water Electrical system ************************************		Operator's canopy	Cabin*
Engine / Motor type 404 D-22 404 D-22 </td <td>Engine / Motor</td> <td></td> <td></td>	Engine / Motor		
Cylinder 4 4 Engine performance kW 36.3 36.3 at rpm Maximum rpm 2,800 2,800 Displacement cm³ 2,216 2,216 Coolant type Water Water Electrical system Uperating voltage V 12 12 Battery Ah 95 95 Alternator A 85 85 Weights Uperating weight kg 3,400 3,400 Tipping load with bucket - machine straight kg 2,032 2,269 Tipping load with bucket - machine straight kg 1,499 1,898 Tipping load with bucket - machine at angle kg 1,459 1,808 Tipping load with pallet fork - machine at angle kg 1,459 1,605 Validate of with pucket - machine at angle kg 1,459 1,605 Validate of with pucket m³ 0,45 4 Tipping load with pallet fork - machine at angle kg 1,459 0,45 Tipping load with pallet fork - machine at angle kg	Engine / Motor manufacturer	Perkins	Perkins
Engine performance kW 36.3 36.3 at rpm Maximum rpm 2,800 2,800 Displacement cm³ 2,216 2,216 Coolant type Water Weter Electrical system Weter Verice Operating voltage V 12 12 Battery Ah 95 95 Alternator A 85 85 Weights Operating weight kg 3,400 3,400 Tipping load with bucket - machine straight kg 1,692 1,899 Tipping load with pallet fork - machine at angle kg 1,692 1,899 Tipping load with pallet fork - machine at angle kg 1,459 1,805 Tipping load with pallet fork - machine at angle kg 1,459 1,805 Vehicle data 1 1,459 1,805 Tipping load with pallet fork - machine at angle kg 1,459 0,45 0.45 Tipping load with pallet fork - machine at angle kg 1,459 0,45 0.45 Tipping load with pallet fork - machine straight kg 1,692 0,45 0.20 <t< td=""><td>Engine / Motor type</td><td>404 D-22</td><td>404 D-22</td></t<>	Engine / Motor type	404 D-22	404 D-22
at prn Maximum rpm 2,800 2,800 Displacement cm³ 2,216 2,216 Coolant type Water Water Electrical system V 12 12 Departing voltage V 12 12 12 Alternator A 85 35 36 Weights V V 14 14 Topping load with bucket - machine straight kg 3,400 3,400 16 Tipping load with bucket - machine straight kg 1,692 1,898 1,908 Tipping load with pallet fork - machine straight kg 1,731 1,908 1,908 Tipping load with pallet fork - machine straight kg 1,459 1,695 1,696 Tipping load with pallet fork - machine straight kg 1,459 1,696 1,696 Tipping load with pallet fork - machine straight kg 1,459 1,696 1,696 Tipping load with pallet fork - machine straight kg 1,459 1,696 1,696 Tipping load with pallet fork - machine straight kg 1,696 1,696 1,696 Tipping load with pallet	Cylinder	4	4
Displacement cm³ 2,216 2,216 Coolant type Water Water Electrical system Veranting voltage V 12 12 Battery Ah 85 85 85 Alternator A 85 85 85 Weights Veranting weight kg 3,400 3,400 3,400 Tipping load with bucket - machine straight kg 1,692 1,898 1,908 Tipping load with pallet fork - machine straight kg 1,731 1,908 1,908 Tipping load with pallet fork - machine straight kg 1,459	Engine performance kW	36.3	36.3
Colant type Water Water Electrical system 12 12 Dearting voltage V 12 12 Battery Ah 95 95 Alternator A 85 85 Weights Operating weight kg 3,400 3,400 Tipping load with bucket - machine straight kg 2,032 2,289 Tipping load with publet fork - machine straight kg 1,692 1,898 Tipping load with publet fork - machine straight kg 1,731 1,908 Tipping load with pallet fork - machine straight kg 1,692 1,898 Tipping load with pallet fork - machine straight kg 1,692 1,606 Vericle data Tipping load with pallet fork - machine straight kg 1,731 1,908 Tipping load with pallet fork - machine straight kg 1,692 1,606 Vericle data Tipping load with pallet fork - machine straight kg 1,731 1,908 Tipping load with pallet fork - machine straight kg 0,45 0.45 T	at rpm Maximum rpm	2,800	2,800
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Operating viltage V 12 12 Battery Ah 95 95 Alternator A 85 85 Weights Operating weight kg 3,400 3,400 Tipping load with bucket - machine straight kg 2,032 2,269 Tipping load with bucket - machine at angle kg 1,692 1,898 Tipping load with pallet fork - machine straight kg 1,731 1,908 Tipping load with pallet fork - machine at angle kg 1,692 1,898 Tipping load with pallet fork - machine at angle kg 1,731 1,908 Tipping load with pallet fork - machine at angle kg 1,692 1,898 Tipping load with pallet fork - machine at angle kg 1,692 1,900 Weicheld at ************************************	Coolant type	Water	Water
Battery Ah 95 95 Alternator A 85 85 Weights Verights Very Coparating weight kg 3,400 3,400 Tipping load with bucket - machine straight kg 2,032 2,269 Tipping load with pullet fork - machine straight kg 1,692 1,898 Tipping load with pallet fork - machine straight kg 1,731 1,908 Tipping load with pallet fork - machine straight kg 1,459 1,605 Vehicle data Vehicle data Vehicle data Bucket capacity Standard bucket m³ 0.45 0.45 Traction drive Hydrostatic via universal joint shaft Hydrostatic via universal joint shaft Axles PA940 PA940 Drivers cab FSD (cabin) Cabin Speed (optional) km/h 0-20 (28) 0-20 (28) Speed Level 2 2 Standard tires 31 x 15.5-15 EM ET-37 31 x 15.5-15 EM ET-37 Hydraulic system 450 450 Driving hydraulics - operating pressure bar 450 56 Operating hydraulics - discharge capacity	Electrical system		
Alternator A 85 85 Weights Veights 3,400 3,400 3,400 Tipping load with bucket - machine straight kg 2,032 2,269 Tipping load with bucket - machine at angle kg 1,692 1,898 Tipping load with pallet fork - machine straight kg 1,731 1,908 Tipping load with pallet fork - machine at angle kg 1,459 1,605 Vehicle data Vehicle data Vehicle data Hydrostatic via universal joint shaft Hydrostatic via universal joint shaft Axles PA940 PA940 PA940 Drivers cab FSD (cabin) Cabin Speed (optional) km/h 0-20 (28) 0-20 (28) Speed Level 3 x x 15.5-15 EM ET-37 31 x 15.5-15 EM ET-37 Hydraulic system Driving hydraulics - operating pressure bar 450 450 Operating hydraulics - operating pressure bar 450 450 Operating hydraulics - operating pressure bar 210 210 Operating hydraulics - discharge capacity //min 56 56 Operating hydraulics - discharge capacity	Operating voltage V	12	12
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Tipping load with bucket - machine straight kg 2,032 2,269 Tipping load with bucket - machine at angle kg 1,692 1,898 Tipping load with pallet fork - machine straight kg 1,731 1,908 Tipping load with pallet fork - machine at angle kg 1,459 1,605 Vehicle data Bucket capacity Standard bucket m³ 0.45 0.45 Traction drive Hydrostatic via universal joint shaft Hydrostatic via universal joint shaft Axles PA940 PA940 Drivers cab PSD (cabin) Cabin Speed (optional) km/h 0-20 (28) 0-20 (28) Speed Level 2 2 Standard tires 31 x 15.5-15 EM ET-37 31 x 15.5-15 EM ET-37 Hydraulic system 5450 450 Driving hydraulics - operating pressure bar 210 210 Operating hydraulics - discharge capacity //min 56 56 Operating hydraulics - discharge capacity (optional up to) //min 100 100 Filling capacities 56 65 Fluit lank capacity 65 6	Weights		
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Tipping load with pallet fork - machine straight kg 1,731 1,908 Tipping load with pallet fork - machine at angle kg 1,459 1,605 Vehicle data Bucket capacity Standard bucket m³ 0.45 0.45 Traction drive Hydrostatic via universal joint shaft Hydrostatic via universal joint shaft Axles PA940 PA940 Drivers cab FSD (cabin) Cabin Speed (optional) km/h 0-20 (28) 0-20 (28) Speed Level 2 2 Standard tires 31 x 15.5-15 EM ET-37 31 x 15.5-15 EM ET-37 Hydraulic system Driving hydraulics - operating pressure bar 450 450 Operating hydraulics - operating pressure bar 210 210 Operating hydraulics - discharge capacity l/min 56 56 Operating hydraulics - discharge capacity (optional up to) l/min 100 100 Filling capacities Fuel tank capacity I 65 65 Hydraulic oil tank I 35 55	Tipping load with bucket - machine straight kg	2,032	2,269
Tipping load with pallet fork - machine at angle kg 1,459 1,605 Vehicle data Bucket capacity Standard bucket m³ 0.45 0.45 Traction drive Hydrostatic via universal joint shaft Hydrostatic via universal joint shaft Axles PA940 PA940 Drivers cab FSD (cabin) Cabin Speed (optional) km/h 0-20 (28) 0-20 (28) Speed Level 2 2 Standard tires 31 x 15.5-15 EM ET-37 31 x 15.5-15 EM ET-37 Hydraulic system Driving hydraulics - operating pressure bar 450 450 Operating hydraulics - operating pressure bar 210 Operating hydraulics - discharge capacity l/min 56 Operating hydraulics - discharge capacity (optional up to) l/min 56 Filling capacities Fuel tank capacity I 65 Hydraulic oil tank I 35 Sound level	Tipping load with bucket - machine at angle kg	1,692	1,898
Vehicle dataBucket capacity Standard bucket m³0.450.45Traction driveHydrostatic via universal joint shaftHydrostatic via universal joint shaftAxlesPA940PA940Drivers cabFSD (cabin)CabinSpeed (optional) km/h0-20 (28)0-20 (28)Speed Level22Standard tires31 x 15.5-15 EM ET-3731 x 15.5-15 EM ET-37Hydraulic systemDriving hydraulics - operating pressure bar450450Operating hydraulics - operating pressure bar210210Operating hydraulics - discharge capacity I/min5656Operating hydraulics - discharge capacity (optional up to) I/min100100Filling capacitiesFuel tank capacity I6565Hydraulic oil tank I3535Sound level	Tipping load with pallet fork - machine straight kg	1,731	1,908
Bucket capacity Standard bucket m³ 0.45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,	Tipping load with pallet fork - machine at angle kg	1,459	1,605
Traction driveHydrostatic via universal joint shaftHydrostatic via universal joint shaftAxlesPA940PA940Drivers cabFSD (cabin)CabinSpeed (optional) km/h0-20 (28)0-20 (28)Speed Level22Standard tires31 x 15.5-15 EM ET-3731 x 15.5-15 EM ET-37Hydraulic systemDriving hydraulics - operating pressure bar450450Operating hydraulics - operating pressure bar210210Operating hydraulics - discharge capacity l/min5656Operating hydraulics - discharge capacity (optional up to) l/min100100Filling capacitiesFuel tank capacity I6565Hydraulic oil tank I3535Sound level	Vehicle data		
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Drivers cab FSD (cabin) Cabin Speed (optional) km/h 0-20 (28) 0-20 (28) Cabin Speed Level 2 Standard tires 31 x 15.5-15 EM ET-37 31 x 15.5-15 EM ET-37 Hydraulic system Driving hydraulics - operating pressure bar 450 Operating hydraulics - operating pressure bar 210 Operating hydraulics - discharge capacity l/min 56 Operating hydraulics - discharge capacity (optional up to) l/min 100 Filling capacities Fuel tank capacity I Hydraulic oil tank I Sound level	Traction drive	Hydrostatic via universal joint shaft	Hydrostatic via universal joint shaft
Speed (optional) km/h Speed Level 2 Standard tires 31 x 15.5-15 EM ET-37 31 x 15.5-15 EM ET-37 Hydraulic system Driving hydraulics - operating pressure bar Operating hydraulics - operating pressure bar Operating hydraulics - discharge capacity l/min See Operating hydraulics - discharge capacity (optional up to) l/min Tilling capacities Fuel tank capacity I Hydraulic oil tank I Sound level	Axles	PA940	PA940
Speed Level22Standard tires31 x 15.5-15 EM ET-3731 x 15.5-15 EM ET-37Hydraulic systemDriving hydraulics - operating pressure bar450450Operating hydraulics - operating pressure bar210210Operating hydraulics - discharge capacity l/min5656Operating hydraulics - discharge capacity (optional up to) l/min100100Filling capacitiesFuel tank capacity I6565Hydraulic oil tank I3535Sound level	Drivers cab	FSD (cabin)	Cabin
Standard tires 31 x 15.5-15 EM ET-37 31 x 15.5-15 EM ET-37 Hydraulic system Driving hydraulics - operating pressure bar 450 450 Operating hydraulics - operating pressure bar 210 210 Operating hydraulics - discharge capacity I/min 56 56 Operating hydraulics - discharge capacity (optional up to) I/min 100 100 Filling capacities Fuel tank capacity I 65 65 Hydraulic oil tank I 35 Sound level	Speed (optional) km/h	0-20 (28)	0-20 (28)
Hydraulic system Driving hydraulics - operating pressure bar 450 450 Operating hydraulics - operating pressure bar 210 210 Operating hydraulics - discharge capacity I/min 56 56 Operating hydraulics - discharge capacity (optional up to) I/min 100 100 Filling capacities Fuel tank capacity I 65 65 Hydraulic oil tank I 35 35 Sound level	Speed Level	2	2
Driving hydraulics - operating pressure bar 450 450 Operating hydraulics - operating pressure bar 210 210 Operating hydraulics - discharge capacity I/min 56 56 Operating hydraulics - discharge capacity (optional up to) I/min 100 100 Filling capacities Fuel tank capacity I 65 65 Hydraulic oil tank I 35 35 Sound level	Standard tires	31 x 15.5-15 EM ET-37	31 x 15.5-15 EM ET-37
Operating hydraulics - operating pressure bar 210 210 Operating hydraulics - discharge capacity I/min 56 56 Operating hydraulics - discharge capacity (optional up to) I/min 100 100 Filling capacities Fuel tank capacity I 65 65 Hydraulic oil tank I 35 35 Sound level	Hydraulic system		
Operating hydraulics - discharge capacity I/min 56 56 Operating hydraulics - discharge capacity (optional up to) I/min 100 100 Filling capacities Fuel tank capacity I 65 65 Hydraulic oil tank I 35 35 Sound level	Driving hydraulics - operating pressure bar	450	450
Operating hydraulics - discharge capacity (optional up to) I/min 100 100 Filling capacities Fuel tank capacity I 65 65 Hydraulic oil tank I 35 35 Sound level	Operating hydraulics - operating pressure bar	210	210
Filling capacities Fuel tank capacity I 65 65 Hydraulic oil tank I 35 35 Sound level	Operating hydraulics - discharge capacity I/min	56	56
Fuel tank capacity I 65 65 Hydraulic oil tank I 35 35 Sound level	Operating hydraulics - discharge capacity (optional up to) I/min	100	100
Hydraulic oil tank I 35 35 Sound level	Filling capacities		
Sound level	Fuel tank capacity I	65	65
	Hydraulic oil tank I	35	35
Guaranteed sound power level LwA dB(A) 101 101	Sound level		
	Guaranteed sound power level LwA dB(A)	101	101

Operator's canopy

Cabin*

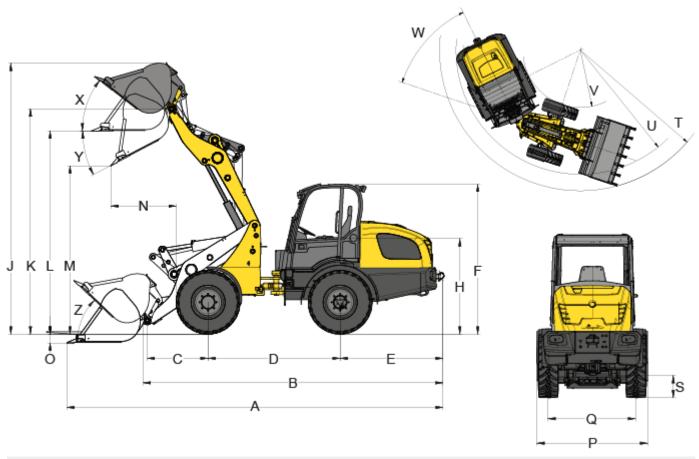
Specified sound pressure level LpA dB(A)

82

82

Standard bucket = digging bucket, 1,400 mm width FSD = Operator's canopy
Tipping load calculation according to ISO 14397-EN474-3
* Equipping version (cabin)

WL32 Dimensions



	Standard tires	31x15.50-15 EM ET-37
Α	Overall length	4,755 mm
В	Overall length without bucket	4,022 mm
С	Bucket pivot point to axle center	675 mm
D	Wheelbase	1,952 mm
E	Rear overhang	1,290 mm
F	Height With operator's canopy	2,351 mm
F	Height With cabin	2,351 mm
Н	Seat height	1,354 mm
J	Total operating height	3,715 mm
K	Stroke height max bucket pivot point	3,208 mm
L	Overhead loading height	2,954 mm
М	Dump height max.	2,425 mm
N	Range with M	252 mm
Ο	Scraping depth	50 mm
Р	Overall width	1,414 mm
Q	Track width	1,014 mm
S	Ground clearance	275 mm
Т	Radius maximum	3,534 mm
U	Radius at outer edge	3,171 mm

W Articulation angle	45 °
	70
X Bucket rollback at max. stroke height	56 °
Y Dump angle Maximum	37 °
Z Bucket rollback at ground level	46 °

All values with standard bucket: Digging bucket 1,400 mm, 0.45 m³ and standard tires: 31x15.50-15 EM ET-37

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. Copyright © 2019 Wacker Neuson SE.