



WL34

Wheel Loader

The ideal entry-level model

Low profile design, outstanding economic efficiency and maximum performance in loading and transporting are key benefits of the WL34 wheel loader. It is the ideal entry-level model in the compact class with 0,6 m³ bucket capacity. It combines power, reliable hydraulics and compact dimensions with sophisticated technology and a convincing price-performance ratio. A durable tool that efficiently manages a high workload.



Highlights

- Maximum traction thanks to articulated pendulum joint
- High-quality powder coating
- 100 % connectible differential lock
- Perfectly tuned kinematics
- Easy entry and exit

Technical Data

■ Standard engine data

| | |
|--|-----------------------|
| Engine manufacturer | Deutz |
| Motor type | TD 2.9 L4 S5 |
| Cylinder | 4 |
| Drive output | 45 kW |
| Drive output | 61 PS |
| at max. rpm | 2,300 U/min |
| Cylinder capacity | 2,900 cm ³ |
| Type of coolant | Water |
| Exhaust standard level | V |
| Exhaust aftertreatment | DOC / DPF |
| Average sound power level LwA (operator's canopy) | 98.5 dB(A) |
| Guaranteed sound power level LwA (operator's canopy) | 99 dB(A) |
| Specified sound pressure level LpA (operator's canopy) | 85 dB(A) |
| Average sound power level LwA (cabin) | 98.5 dB(A) |
| Guaranteed sound power level LwA (cabin) | 99 dB(A) |
| Specified sound pressure level LpA (cabin) | 77 dB(A) |

■ Engine data Option 1

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|---------------------|---------------|
| Engine manufacturer | Deutz |
| Motor type | TCD 2.9 L4 S5 |
| Cylinder | 4 |

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| Drive output | 55.4 kW |
| Drive output | 75 PS |
| at max. rpm | 2,300 U/min |
| Cylinder capacity | 2,900 cm ³ |
| Type of coolant | Water/charge air |
| Exhaust standard level | V |
| Exhaust aftertreatment | DOC/DPF |
| Average sound power level LwA (operator's canopy) | 100.1 dB(A) |
| Guaranteed sound power level LwA (operator's canopy) | 101 dB(A) |
| Specified sound pressure level LpA (operator's canopy) | 85 dB(A) |
| Average sound power level LwA (cabin) | 100.1 dB(A) |
| Guaranteed sound power level LwA (cabin) | 101 dB(A) |
| Specified sound pressure level LpA (cabin) | 78 dB(A) |

■ Electrical system

| | |
|-------------------|--------|
| Operating voltage | 12 V |
| Battery | 100 Ah |
| Alternator | 95 A |

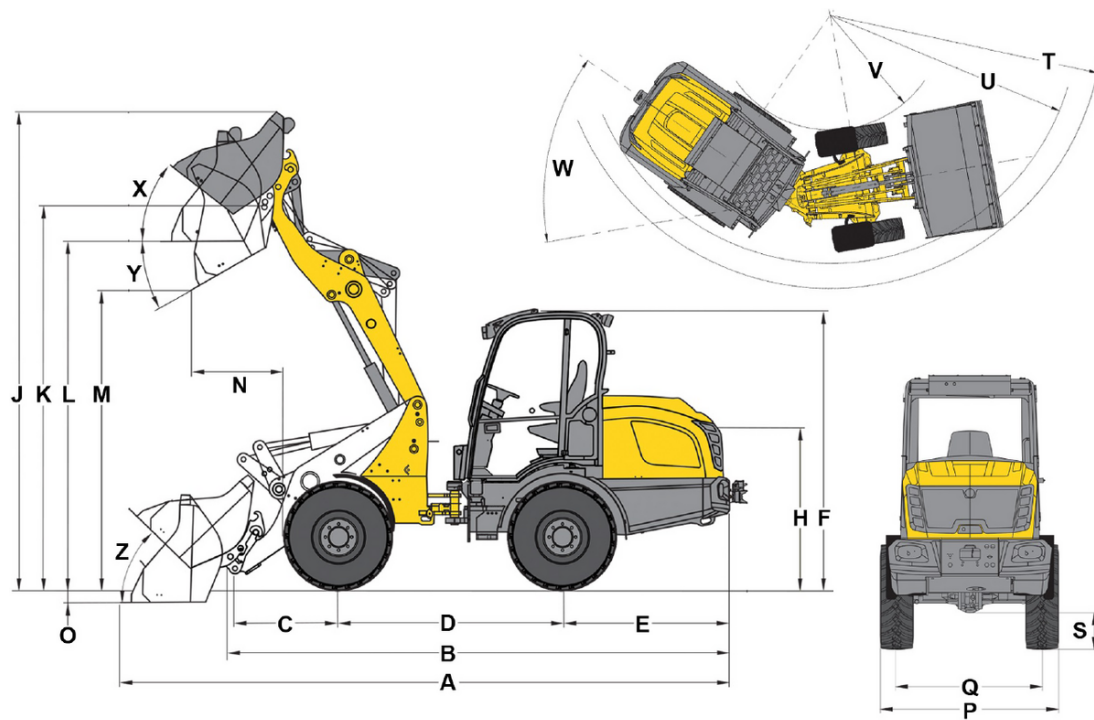
■ Weights

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|---|---------------------|
| Bucket capacity (standard bucket) | 0.62 m ³ |
| Operating weight | 3,900 kg |
| Tipping load with bucket – machine straight, loading frame horizontal | 2,925 - 3,055 kg |

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| Tipping load with bucket – machine pivoted, loading frame horizontal | 2,443 - 2,539 kg |
| Tipping load with pallet fork – machine straight, loading frame horizontal | 2,615 - 2,716 kg |
| Tipping load with pallet fork – machine pivoted, loading frame horizontal | 2,200 - 2,276 kg |
| ■ Driver's cab | |
| Driver's cab | FSD (cabin) |
| ■ Filling levels | |
| Tank capacity for fuel | 65 l |
| Tank capacity for hydraulic oil | 50 l |
| ■ Drive system | |
| Type of drive | Hydrostatic |
| drive unit | universal joint shaft |
| Speed levels | 2 |
| Axle | PA 1200 |
| Travel speed Standard | 0-20 km/h |
| Travel speed Option 1 | 0-28 km/h |
| Operating brake | Hydrostatic drive system acting on all 4 wheels (wear-free) |
| Parking brake | Service and parking brake in the drive train acts on all 4 wheels |

| | |
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| Differential lock | 100% (front axle + rear axle) |
| ■ Hydraulic system | |
| Drive hydraulics working pressure (max.) | 450 bar |
| Work hydraulics discharge volume (max.) | 57,5 (73,6) l/min |
| Work hydraulics working pressure (max.) | 210 bar |
| ■ Kinematics | |
| Kinematics type | PZ |
| Lifting cylinder | 2 |
| Tipping cylinder | 1 |
| Quick change system | hydraulic |
| ■ Steering | |
| Steering type | hydraulically activated articulated pendulum steering |
| Steering cylinder | 1 |
| Oscillating angle | ±12 degree |
| ■ 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



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| A | Total length | 5,010 mm |
| B | Total length without bucket | 4,260 mm |
| C | Bucket pivot point (to center of axle) | 675 mm |
| D | Wheel base | 2,045 mm |
| E | Rear overhang | 1,430 mm |
| F | Height with lowered operator's canopy | 2,220 mm |
| | Height with operator's canopy raised | 2,380 mm |
| | Height with cab lowered | 2,220 mm |
| | Height with cab raised | 2,420 mm |
| H | Seat height | 1,270 mm |
| J | Total working height | 3,930 mm |
| K | Bucket pivot point (max. lift height) | 3,270 mm |
| L | Load-over height | 2,970 mm |
| M | Dumping height | 2,460 mm |
| N | Reach (at M) | 142 mm |
| O | Digging depth | 43 mm |
| P | Total width | 1,550 mm |
| Q | Track width | 1,260 mm |
| S | Ground clearance | 320 mm |
| T | Maximum radius | 3,610 mm |
| U | Radius on the outer edge | 3,350 mm |
| V | Inner radius | 1,680 mm |
| W | Articulation angle | 45 ° |
| X | Rollback angle at max. lift height | 49 ° |
| Y | Dumping angle | 43 ° |
| Z | Rollback angle on ground | 43 ° |