



WL750

Wheel loaders

The versatile machine

These features characterise the WL750 wheel loader: Comfort cabin with excellent ergonomics and 360° visibility, electronically controlled drive system with various operating modes, sturdy load arm with an optimal view of the attachment, large range of options and a modern machine design. The transversely installed engine and the optimised arrangement of components ensure very good maintenance access. The WL750 wheel loader is the ideal model in the wheel loader class with 0.75 m³ bucket volume. It combines power, reliable hydraulics and compact dimensions with well-engineered technology and an excellent price-performance ratio.



Highlights

- Electronically regulated drive system
- Comfortable Cab
- Transversely mounted motor for optimum service accessibility
- Robust central joint with optimized hose routing
- Service access front end

Technical Data

Standard engine data

| | |
|------------------------|-----------------------|
| Engine manufacturer | Kohler |
| Motor type | KDI1903TCR |
| Cylinder | 3 |
| Drive output | 42 kW |
| Drive output | 57 PS |
| at max. rpm | 2,600 U/min |
| Maximum torque | 225 Nm |
| Cylinder capacity | 1,861 cm ³ |
| Type of coolant | Water |
| Exhaust standard level | V |
| Exhaust aftertreatment | DOC/DPF |

Electrical system

| | |
|-------------------|--------|
| Operating voltage | 12 V |
| Battery | 100 Ah |
| Alternator | 120 A |

Weights

| | |
|---|---------------------|
| Bucket capacity (standard bucket) | 0.65 m ³ |
| Operating weight | 3,700 - 4,200 kg |
| Tipping load with bucket – machine straight, loading frame horizontal | 2,930 - 3,490 kg |

| | |
|--|------------------|
| Tipping load with bucket – machine pivoted, loading frame horizontal | 2,560 - 3,060 kg |
| Tipping load with pallet fork – machine straight, loading frame horizontal | 2,390 - 2,850 kg |
| Tipping load with pallet fork – machine pivoted, loading frame horizontal | 2,100 - 2,500 kg |

Driver's cab

| | |
|--------------|-------------|
| Driver's cab | FSD (cabin) |
|--------------|-------------|

Filling levels

| | |
|---------------------------------|------|
| Tank capacity for fuel | 80 l |
| Tank capacity for hydraulic oil | 32 l |

Drive system

| | |
|-----------------------|--|
| Type of drive | electronically controlled |
| drive unit | Hydrostatic via transfer gearbox and universal joint shaft |
| Speed levels | 2 |
| Axle | PA1200 |
| Travel speed Standard | 0-20 km/h |
| Travel speed Option 1 | 0-30 km/h |
| Operating brake | drum brake (multi-disk brakes, option) |
| Parking brake | drum brake (mechanical handbrake lever) |
| Differential lock | 100 % front axle + rear axle |

Hydraulic system

| | |
|--|-------------------|
| Drive hydraulics working pressure (max.) | 500 bar |
| Work hydraulics discharge volume (max.) | 56,6 (70,4) l/min |
| Work hydraulics working pressure (max.) | 235 bar |

Kinematics

| | |
|---------------------|-----------|
| Kinematics type | P |
| Lifting cylinder | 1 |
| Tipping cylinder | 1 |
| Quick change system | hydraulic |

Steering

| | |
|---------------|---|
| Steering type | hydraulically activated articulated pendulum steering |
|---------------|---|

Steering cylinder 1

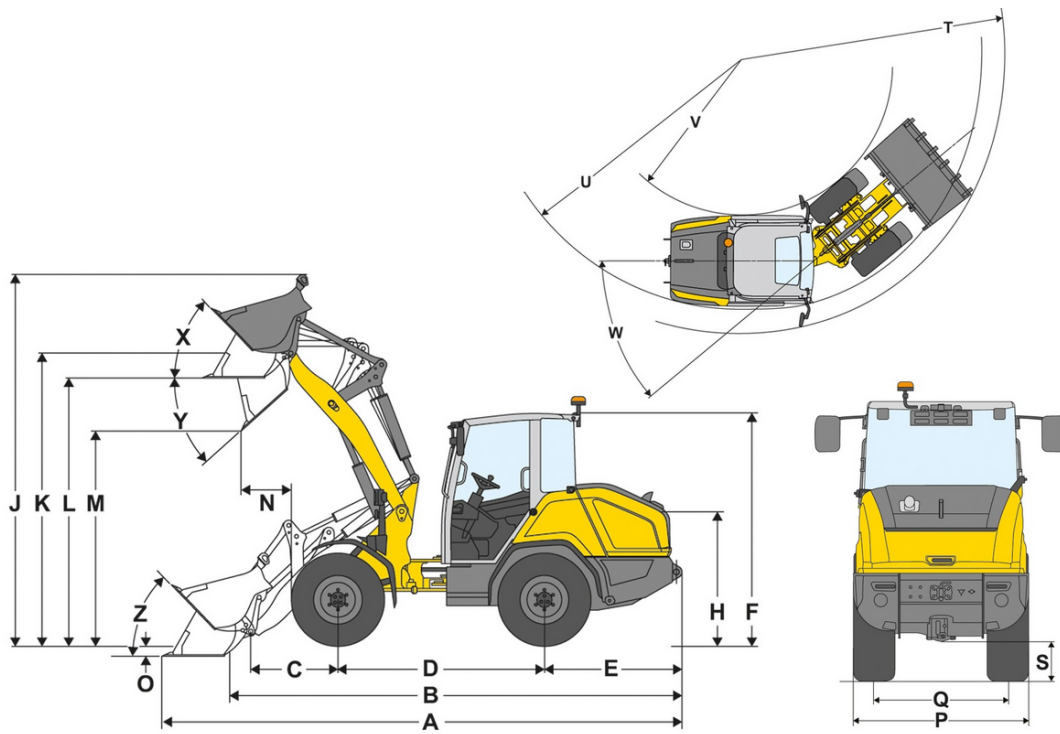
Noise characteristic values

| | |
|--|------------|
| Average sound power level LwA (operator's canopy) | 99.9 dB(A) |
| Guaranteed sound power level LwA (operator's canopy) | 101 dB(A) |
| Specified sound pressure level LpA (operator's canopy) | 70 dB(A) |
| Average sound power level LwA (cabin) | 99.9 dB(A) |
| Guaranteed sound power level LwA (cabin) | 101 dB(A) |
| Specified sound pressure level LpA (cabin) | 69 dB(A) |

Other information

FSD = operator's canopy
 DPF = diesel particulate filter
 DOC = diesel oxidation catalyst
 Tipping load calculation according to ISO 14397

Dimensions



| | | |
|---|--|----------|
| A | Total length | 5,420 mm |
| B | Total length without bucket | 4,610 mm |
| C | Bucket pivot point (to center of axle) | 910 mm |
| D | Wheel base | 2,150 mm |
| E | Rear overhang | 1,435 mm |
| F | Height with cab | 2,415 mm |
| | Height with lowered operator's canopy | 2,335 mm |
| F | Height with operator's canopy raised | 2,415 mm |
| H | Seat height | 1,390 mm |
| J | Total working height | 3,865 mm |
| K | Bucket pivot point (max. lift height) | 3,040 mm |
| L | Load-over height | 2,780 mm |
| M | Dumping height | 2,230 mm |
| N | Reach (at M) | 540 mm |
| O | Digging depth | 115 mm |
| P | Total width | 1,465 mm |
| Q | Track width | 1,170 mm |
| S | Ground clearance | 335 mm |
| T | Maximum external radius | 4,165 mm |
| U | Radius on the outer edge | 3,850 mm |
| V | Inner radius | 2,240 mm |
| W | Articulation angle | 40 ° |
| X | Rollback angle at max. lift height | 45 ° |
| Y | Dumping angle | 42 ° |
| Z | Rollback angle on ground | 46 ° |