



WL52

Articulated Wheel Loaders



Versatility, power and performance: WL 52

The WL 52 articulated wheel loader is the ideal machine for a variety of jobs. It is equipped with a 74-HP turbo charged Deutz T4F diesel engine. With standard auxiliary hydraulic flow of 18 gpm and high flow of 33 gpm (optional) allows for operation of high performance attachments. With travel speeds up to 19 mph, getting around the jobsite is extremely efficient. The operator's station is ergonomically laid out for the comfort and convenience of the operator, reducing fatigue and increasing productivity. Operating elements including a multifunctional single lever control and an additional lever for the third control circuit, are conveniently arranged next to the driver's seat for easy operation.

- Deutz Tier 4 Final, 74-hp engine offers a maintenance-free aftertreatment
- The tilting driver's cab provides optimum service access
- Universal hydraulic attachment plate allows flexibility for use of current and new attachments
- Faster quick connect hydraulic connector provides quick and easy changing of attachments
- A 14-pin wiring harness allows the operator to control multiple attachment functions simply from the unit's single joystick

Wheel Loader competence to the last detail.



Maneuverable to the tightest corner

The articulated pendulum joint makes the machine uniquely maneuverable and provides constant traction also on uneven ground.



100% connectable differential lock

The 100% differential lock offers maximum traction even on difficult ground.



Universal attachment plate

Use your existing and new attachments that can be easily connected with the universal attachment plate (skid steer).



Comfortable cabin design

The spacious design and amenities of our wheel loader cabins offer plenty of user friendly comfort.



Technical specifications

Engine / Motor

| | |
|-----------------------------|---------------------|
| Engine / Motor manufacturer | Deutz |
| Engine / Motor type | TCD 2.9 L4 |
| Cylinder | 4 |
| Engine performance | 75 hp |
| at rpm maximum | 2,300 rpm |
| Displacement | 177 in ³ |
| Coolant type | Water / Charge Air |

Electrical system

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

Weights

| | |
|--|-------------|
| Operating weight | 11,243.5 lb |
| Lifting force maximum | 6,755.5 lb |
| Breakaway force maximum | 9,538.6 lbf |
| Tipping load with bucket - machine straight | 7,072 lb |
| Tipping load with pallet fork - machine straight | 5,937 lb |

Vehicle data

| | |
|---------------------------------|--|
| Bucket capacity Standard bucket | 0.981 yd ³ |
| Traction drive | Hydrostatic with universal joint shaft |
| Axles | PA 1,400 |
| Drivers cab | Cabin |
| Speed (standard) | 0-12.43 mph |
| Speed (optional) | 0-18.6 mph |
| Speed Level | 2 |
| Standard tires | 405/70-18 EM ET 0 |



Hydraulic system

| | |
|--|--------------|
| Driving hydraulics - operating pressure | 6,454.28 psi |
| Operating hydraulics - operating pressure | 3,335.92 psi |
| Operating hydraulics - discharge capacity | 15 US gpm |
| Operating hydraulics - discharge capacity (optional up to) | 30.16 US gpm |

Filling capacities

| | |
|----------------------|-------------|
| Tank capacity (fuel) | 21.3 US gal |
| Hydraulic oil tank | 69.7 US qt |

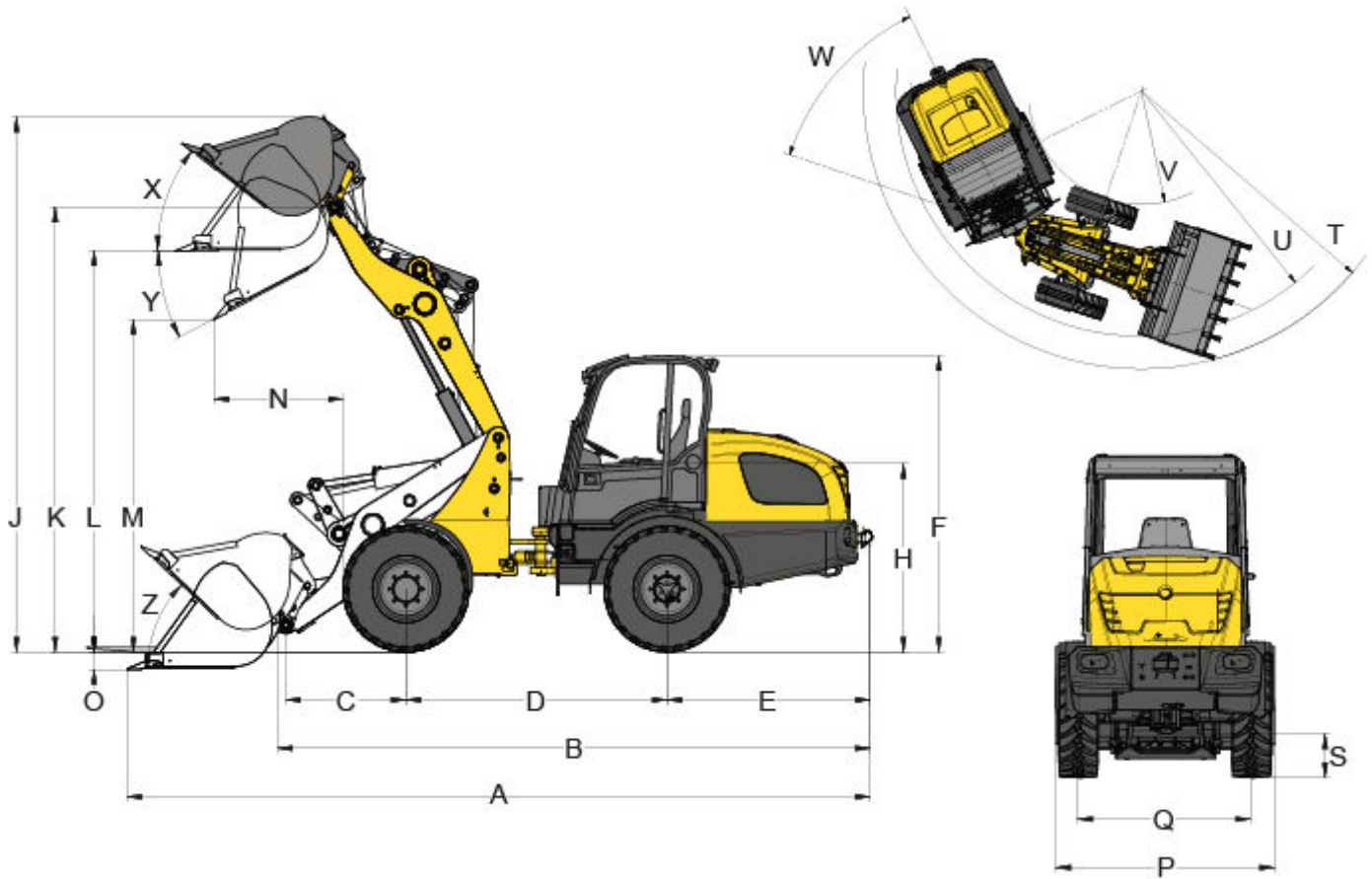
Sound level

| | |
|--|-------------|
| Average sound power level L _{WA} | 103.3 dB(A) |
| Guaranteed sound power level L _{WA} | 101 dB(A) |
| Specified sound pressure level L _{pA} | 78 dB(A) |

Standard bucket = digging bucket, width 1900 mm (75 in)



Dimensions



| | | |
|---|---|-------|
| A | Overall length in | 214 |
| B | Overall length without bucket in | 181.3 |
| C | Bucket pivot point to axle center in | 40 |
| D | Wheelbase in | 78.3 |
| E | Rear overhang in | 59.7 |
| F | Height with cab in | 97.3 |
| H | Seat height in | 60.8 |
| J | Total operating height in | 157 |
| K | Bucket pivot point max.stroke height in | 131 |
| L | Overhead loading height in | 118.1 |
| M | Dumping height in | 98.3 |
| N | Range at M in | 24.4 |
| O | Scraping depth in | 4.4 |
| P | Overall width in | 73.1 |



| | | |
|----------|---|-------|
| Q | Track width in | 53.1 |
| S | Ground clearance in | 14.2 |
| T | Radius maximum in | 153.8 |
| U | Radius at outer edge in | 135 |
| V | Inside turning radius in | 60 |
| W | Articulation angle ° | 42 |
| X | Reverse roll angle at max.stroke height ° | 44 |
| Y | Tip-out angle maximum ° | 39 |
| Z | Reverse roll angle at ground level ° | 43 |

All values with standard bucket and standard tires

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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