



**WACKER  
NEUSON**  
*all it takes!*

## WL950p

### Wheel loaders

Designed for true professionals

The WL950p wheel loader was developed for professional applications in demanding conditions and stands out for its maximum efficiency, high material handling capacity, and advanced assistance systems. Thanks to a wide range of options, the machine can be optimally adapted to individual requirements. The high-performance engine, the powerful working hydraulics, and the electronically controlled drive system with various drive modes ensure maximum productivity and dynamic handling characteristics. The Performance series for professional applications stands out with the following features: robust load arm with excellent visibility of the attachment, comfort cab (with a wide entry, a suspension-mounted control console, and standardized operating philosophy with a color-coded control concept), comprehensive lighting packages and active work lighting, efficiency-enhancing loader system assistance package, Flow Sharing (included as standard equipment), load-sensing power hydraulics (high flow available), object detection for increased safety, travel speed of up to 40 km/h, electric parking brake, and excellent service accessibility via a transversely mounted engine and optimized component layout.



### Highlights

- Loading system assistance package
- Comfortable Cab
- Optimal view of the pallet fork
- Easy entry and exit
- Load Sensing high-performance hydraulics

### Technical Data

#### Standard engine data

|                        |                       |
|------------------------|-----------------------|
| Engine manufacturer    | Rehlko                |
| Motor type             | KDI2504TCR            |
| Cylinder               | 4                     |
| Drive output           | 55.4 kW               |
| Drive output           | 75 PS                 |
| at max. rpm            | 2,300 U/min           |
| Maximum torque         | 310 Nm                |
| Cylinder capacity      | 2,482 cm <sup>3</sup> |
| 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)                                          | 0.85 m <sup>3</sup> |
| Operating weight                                                           | 5,160 - 5,790 kg    |
| Thrusting force (max.)                                                     | 5,000 - 5,200 daN   |
| Thrust force (max.)                                                        | 5,250 daN           |
| Lift capacity (max.)                                                       | 4,275 daN           |
| Tipping load with bucket – machine straight, loading frame horizontal      | 3,830 - 4,460 kg    |
| Tipping load with bucket – machine pivoted, loading frame horizontal       | 3,340 - 3,870 kg    |
| Tipping load with pallet fork – machine straight, loading frame horizontal | 3,170 - 3,670 kg    |
| Tipping load with pallet fork – machine pivoted, loading frame horizontal  | 2,780 - 3,200 kg    |

#### Driver's cab

|              |     |
|--------------|-----|
| Driver's cab | Cab |
|--------------|-----|

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

## ■ 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 the transfer box and the drive shaft |
| Speed levels          | 2                                                    |
| Axle                  | PA1422                                               |
| Travel speed Standard | 0-20 km/h                                            |
| Travel speed Option 1 | 0-30 km/h                                            |
| Travel speed Option 2 | 0-40 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.)  | 93 (95-101) l/min |
| Work hydraulics working pressure (max.)  | 235 bar           |

## ■ Kinematics

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

## ■ Steering

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Steering type     | hydraulically activated articulated pendulum steering |
| Steering cylinder | 1                                                     |
| Oscillating angle | ± 10 degree                                           |

## ■ Noise characteristic values

|                                            |            |
|--------------------------------------------|------------|
| Average sound power level LwA (cabin)      | 99.7 dB(A) |
| Guaranteed sound power level LwA (cabin)   | 101 dB(A)  |
| Specified sound pressure level LpA (cabin) | 71 dB(A)   |

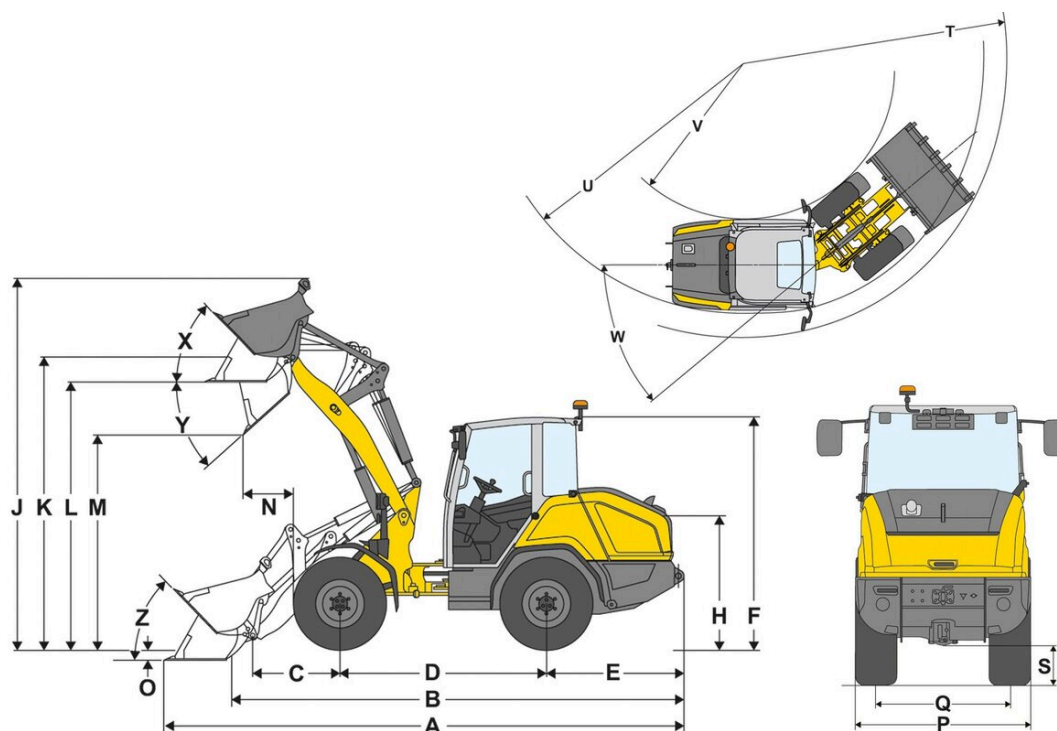
## ■ Other information

DPF = Diesel particulate filter

DOC = oxidation catalyst

Tipping load calculation according to ISO 14397

## Dimensions



|   |                                        |          |
|---|----------------------------------------|----------|
| A | Total length                           | 5,430 mm |
| B | Total length without bucket            | 4,670 mm |
| C | Bucket pivot point (to center of axle) | 960 mm   |
| D | Wheel base                             | 2,150 mm |
| E | Rear overhang                          | 1,435 mm |
| F | Height with cab                        | 2,570 mm |
| H | Seat height                            | 1,545 mm |
| J | Total working height                   | 4,070 mm |
| K | Bucket pivot point (max. lift height)  | 3,250 mm |
| L | Load-over height                       | 2,995 mm |
| M | Dumping height                         | 2,450 mm |
| N | Reach (at M)                           | 675 mm   |
| O | Digging depth                          | 85 mm    |
| P | Total width                            | 1,830 mm |
| Q | Track width                            | 1,420 mm |
| S | Ground clearance                       | 375 mm   |
| T | Maximum external radius                | 4,300 mm |
| U | Radius on the outer edge               | 3,975 mm |
| V | Inner radius                           | 2,070 mm |
| W | Articulation angle                     | 40 °     |
| X | Rollback angle at max. lift height     | 66 °     |
| Y | Dumping angle maximal                  | 45 °     |
| Z | Rollback angle on ground               | 44 °     |