



WL 20

Wheel Loaders: bucket capacity < 0.65 m³



A multi-talent in the tightest spots

The Wacker Neuson wheel loader WL20 can be put to use everywhere—even in the tightest alleys. And not only that: Even in narrow working conditions, the wheel loader delivers first-class results that win you over in every respect. Aside from high working comfort and excellent safety standards, the wheel loader WL20 provides extreme maneuverability, quickness, efficient use of space and it is easy to transport from construction site to construction site.

- Extreme maneuverability, minimal clearance heights and high comfort in the workplace.
- Hydrostatic all-wheel drive and articulated joint steering
- Two different driver's cabins are available: Fixed driver's canopy and fold-down driver's canopy
- High safety standards
- Large selection of attachment tools



Technical specifications

WL 20 with driver's canopy

Engine / Motor

| | |
|-----------------------------|-----------------------|
| Engine / Motor manufacturer | Perkins |
| Engine / Motor type | 403 D-11 |
| Cylinder | 3 |
| Engine performance | 18,5 kW |
| at rpm maximum | 2.800 rpm |
| Displacement | 1.131 cm ³ |
| Coolant type | Water |

Operating data and weight

| | |
|---|--------------------|
| Operating weight | 2.000 kg |
| Speed Stage 1: | 0 - 7 km/h |
| Speed Stage 2: | 0 - 20 km/h |
| Bucket capacity Standard bucket | 0,2 m ³ |
| Lifting force maximum | 2.170 daN |
| Tipping load with bucket—equipment straight | 1.240 kg |
| Tipping load with pallet fork—equipment straight | 997 kg |
| Tipping load with bucket—machine articulated | 903 kg |
| Tipping load with pallet fork—machine articulated | 719 kg |
| Tipping load with bucket—machine articulated (40°) | 1.036 kg |
| Tipping load with pallet fork—machine articulated (40°) | 747 kg |

Hydraulic system

| | |
|---|------------|
| Driving hydraulics - operating pressure | 330 bar |
| Driving hydraulics - discharge capacity | 72 l/min |
| Operating hydraulics - operating pressure | 225 bar |
| Operating hydraulics - discharge capacity | 30,8 l/min |

Filling capacities

| | |
|----------------------|------|
| Tank capacity (fuel) | 20 l |
| Engine oil | 4 l |



| | |
|--------------------|-------|
| Hydraulic oil tank | 20 l |
| Hydraulic system | 37 l |
| Coolant | 4,3 l |

Electrical system

| | |
|-------------------|-------|
| Operating voltage | 12 V |
| Battery | 77 Ah |
| Alternator | 40 A |

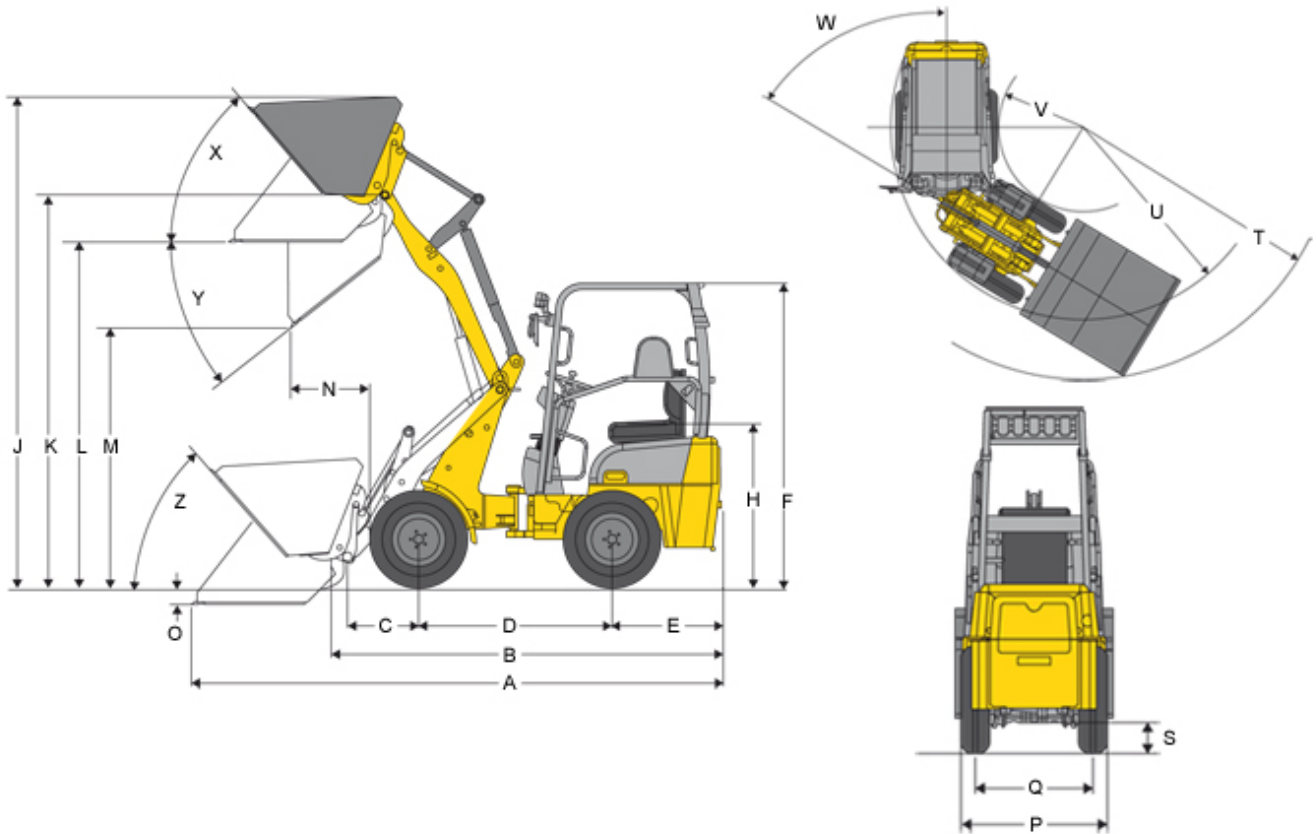
Sound level

| | |
|--|-----------|
| Cabin - specified sound pressure level LpA | 85 dB(A) |
| Sound level (LwA) | 101 dB(A) |

Standard bucket = digging bucket, 1,500 mm width



Dimensions



| | | |
|---|--|----------|
| A | Overall length | 3.721 mm |
| B | Overall length without bucket | 3.063 mm |
| C | Bucket pivot point to middle of axle | 508 mm |
| D | Wheelbase | 1.468 mm |
| E | Rear overhang | 975 mm |
| F | Height with driver's canopy | 2.189 mm |
| F | Height with foldable driver's canopy | 2.293 mm |
| F | Height with foldable driver's canopy, down | 1.880 mm |
| H | Seat height | 1.225 mm |
| J | Total operating height | 3.274 mm |
| K | Bucket pivot point Max. lift height | 2.693 mm |
| L | Overhead loading height | 2.424 mm |
| M | Dumping height | 2.011 mm |



| | | |
|---|--|----------|
| N | Range at M | 350 mm |
| O | Scraping depth | 94 mm |
| P | Overall width | 1.076 mm |
| Q | Track width | 810 mm |
| S | Ground clearance | 207 mm |
| T | Radius maximum | 2.681 mm |
| U | Radius at radius on outer wheel | 2.356 mm |
| V | Inside turning radius | 1.219 mm |
| W | Articulation angle | 45 ° |
| X | Reverse roll angle at max. lift height | 50 ° |
| Y | Tip-out angle maximum | 38 ° |
| Z | Reverse roll angle at ground | 48 ° |

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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