



## KL21.5L

### Wheel loaders

#### POWER IN COMPACT FORMAT

The KL21.5L wheel loader combines maximum performance with a compact design and is therefore ideal for agricultural operations. Thanks to its unique loading system, the KL21.5L provides excellent lifting and tear out forces, which enable the effortless movement of heavy loads like silage bales, feed or manure pallets. Depending on requirements, there are two engine options available: a 19 kW engine as standard and a 33 kW engine as an option. The powerful work hydraulics further enable the effortless application of specialist attachments, like the spreading device.

**Unique loading system:** The combination of stroke (28.6 kN), tear out force (33.1 kN) and tipping load (2115 kg) enables effortless and safe handling of heavy loads, like silage bales

**Compact dimensions:** Thanks to its compact dimensions with a vehicle width of 1.32 m, the KL21.5L is ideal for confined working environments such as narrow farm paths. With the optional maximum 400 mm wide tyres, the machine impresses with the largest possible contact area and therefore has optimum stability in stables and warehouses

**Cab variants:** Two full-featured wheel loader cabs, comfort cab (2.26 m height) and low cab (2.11 m height) offer excellent 360° visibility and ergonomically arranged control elements for simple and intuitive operation

**Getting in and driving off:** The machine is easy to operate even for inexperienced operators thanks to its undivided vehicle frame, high stability, manoeuvrability and constant payload as well as three types of steering (All wheel, crab and front wheel steering)

**Versatile quick change plates:** The fully hydraulic quickhitch system Smart Attach is available as an option and enables changing of attachments directly from the cab. In addition, alternative quick change plates, like the Euro-System, are also available

## Technical Data

### ■ Standard engine data

|                        |                       |
|------------------------|-----------------------|
| Engine manufacturer    | Yanmar                |
| Drive output           | 18.5 kW               |
| Drive output           | 25.2 PS               |
| Maximum torque         | 2,500 U/min           |
| Cylinder capacity      | 1,331 cm <sup>3</sup> |
| Exhaust standard level | V                     |

Tank capacity for hydraulic oil 19 l

### ■ Drive system

|                       |           |
|-----------------------|-----------|
| Travel speed Standard | 0-20 km/h |
| Travel speed Option 1 | 0-30 km/h |

### ■ Hydraulic system

|                                         |          |
|-----------------------------------------|----------|
| Work hydraulics discharge volume (max.) | 39 l/min |
|-----------------------------------------|----------|

### ■ Kinematics

|                     |           |
|---------------------|-----------|
| Kinematics type     | PZ        |
| Quick change system | hydraulic |

### ■ Steering

|                     |           |
|---------------------|-----------|
| Steering angle max. | 38 degree |
|---------------------|-----------|

### ■ Noise characteristic values

|                                            |            |
|--------------------------------------------|------------|
| Guaranteed sound power level LwA (cabin)   | 101 dB(A)  |
| Measured sound power level LwA             | 96.9 dB(A) |
| Sound pressure level at the operator's ear | 76 dB(A)   |

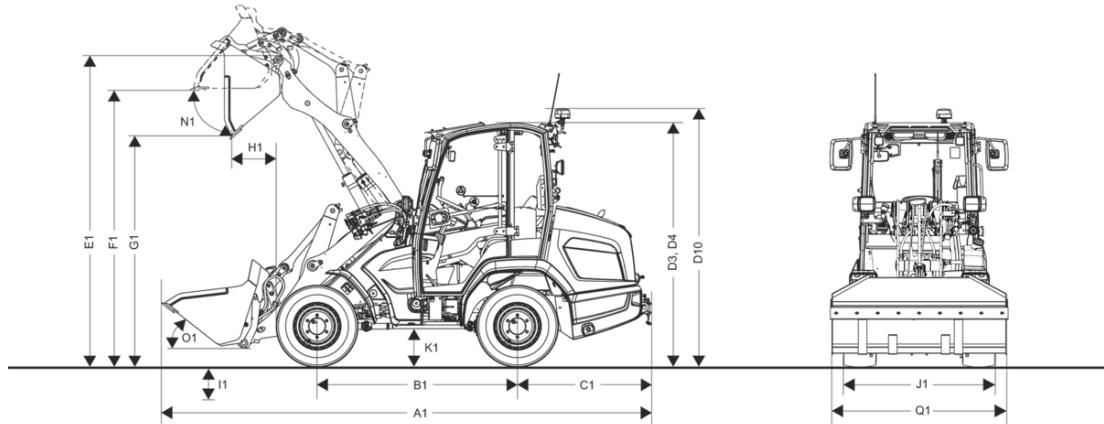
### ■ Weights

|                                   |                     |
|-----------------------------------|---------------------|
| Bucket capacity (standard bucket) | 0.45 m <sup>3</sup> |
| Operating weight                  | 2,900 - 3,200 kg    |
| Payload (S=1.25)                  | 1,300 kg            |
| Tipping load (standard bucket)    | 2,115 kg            |
| Tipping load (pallet fork)        | 1,625 kg            |
| Tipping load (pallet fork)*       | 1,987 kg            |

### ■ Filling levels

|                        |      |
|------------------------|------|
| Tank capacity for fuel | 56 l |
|------------------------|------|

## Dimensions



|            |                                       |          |
|------------|---------------------------------------|----------|
| <b>A1</b>  | Total length with standard attachment | 4,680 mm |
| <b>B1</b>  | Wheel base center                     | 1,860 mm |
| <b>C1</b>  | Rear overhang                         | 1,215 mm |
| <b>D3</b>  | Height with cab                       | 2,260 mm |
| <b>D4</b>  | Height with cab lowered               | 2,110 mm |
| <b>D10</b> | Total height with rotating beacon     | 2,390 mm |
| <b>E1</b>  | Max. height blade pivot point         | 2,913 mm |
| <b>F1</b>  | Load-over height                      | 2,620 mm |
| <b>G1</b>  | Dumping height                        | 2,120 mm |
| <b>H1</b>  | Dumping width                         | 470 mm   |
| <b>I1</b>  | Digging depth                         | 55 mm    |
| <b>J1</b>  | Total width                           | 1,320 mm |
| <b>K1</b>  | Ground clearance                      | 230 mm   |
| <b>L1</b>  | Turning radius outer edge wheels      | 2,430 mm |
| <b>M1</b>  | Steering angle                        | 38 °     |
| <b>N1</b>  | Dumping angle at max. lifting height  | 45 °     |
| <b>O1</b>  | Dumping angle at ground level         | 50 °     |
| <b>Q1</b>  | Bucket width                          | 1,350 mm |
| <b>R1</b>  | Stacking height                       | 2,720 mm |