

**1140**

Hoftrac



Technical specifications

| | Standard | Outfitting example |
|-----------------------------------|-------------|--------------------|
| Engine data | | |
| Manufacturer | Perkins | Perkins |
| Engine type | 403 D-11 | 403 D-11 |
| Cylinders | 3 | 3 |
| Engine performance (max.) kW (hp) | 17,9 (24) | 17,9 (24) |
| at rpm (max.) rpm | 2.800 | 2.800 |
| Cubic capacity cm ³ | 1.131 | 1.131 |
| Cooling system | Water | Water |
| Electric motor | | |
| Battery Standard | | |
| Battery Optional | | |



| | Standard | Outfitting example |
|--|------------|--------------------|
| Electrical system | | |
| Operating voltage V | 12 | 12 |
| Battery Ah | 77 | 77 |
| Alternator A | 40 | 40 |
| Weights | | |
| Operating weight (standard) kg | 1.630 | 1.630 |
| Lift force (max.) daN | 1.981 | 1.981 |
| Tipping load with bucket - machine straight kg | 664 | 688 / 846* |
| Tipping load with bucket - machine articulated kg | 490 | 509 / 621* |
| Tipping load with pallet fork - machine straight kg | 532 | 556 / 679* |
| Tipping load with pallet fork - machine articulated kg | 391 | 407 / 497* |
| Vehicle data | | |
| Axle (optional) | K75 (K90) | K75 (K90) |
| Cab (optional) | FSD (eps) | FSD (eps) |
| Ground speed km/h | 0 - 12 | 0 - 13 |
| Speed stages | 1 | 1 |
| Fuel tank capacity l | 21 | 21 |
| Hydraulic oil tank capacity l | 18 | 18 |
| Hydraulic system | | |
| External services - Operating pressure bar | 215 | 305 |
| Steering hydraulics - Oil flow l/min | 30,8 | 30,8 |
| Steering hydraulics - Operating pressure bar | 205 | 205 |
| Drive | | |
| Type of drive | hydraulic | Hydrostatic |
| Traction drive | Oil engine | Oil engine |
| Noise values | | |
| Average sound power level L _{WA} dB(A) | 99,7 | 99,7 |
| Guaranteed sound power level L _{WA} dB(A) | 101 | 101 |
| Specified sound pressure level L _{pA} dB(A) | 85 | 85 |

*Tipping load with counterweight

Tipping load calculation according to ISO 14397

FSD = canopy



eps = Easy Protection System (fold-down canopy)

Vibrations (weighted average effective value)

Hand-arm vibrations:

The hand-arm vibrations are no more than 2.5 m/s²

Whole body vibrations:

This machine is equipped with a driver's seat that meets the requirements of EN ISO 7096:2000.

When the loader is properly used, the whole body vibrations vary from below 0.5 m/s² up to a short-term maximum value.

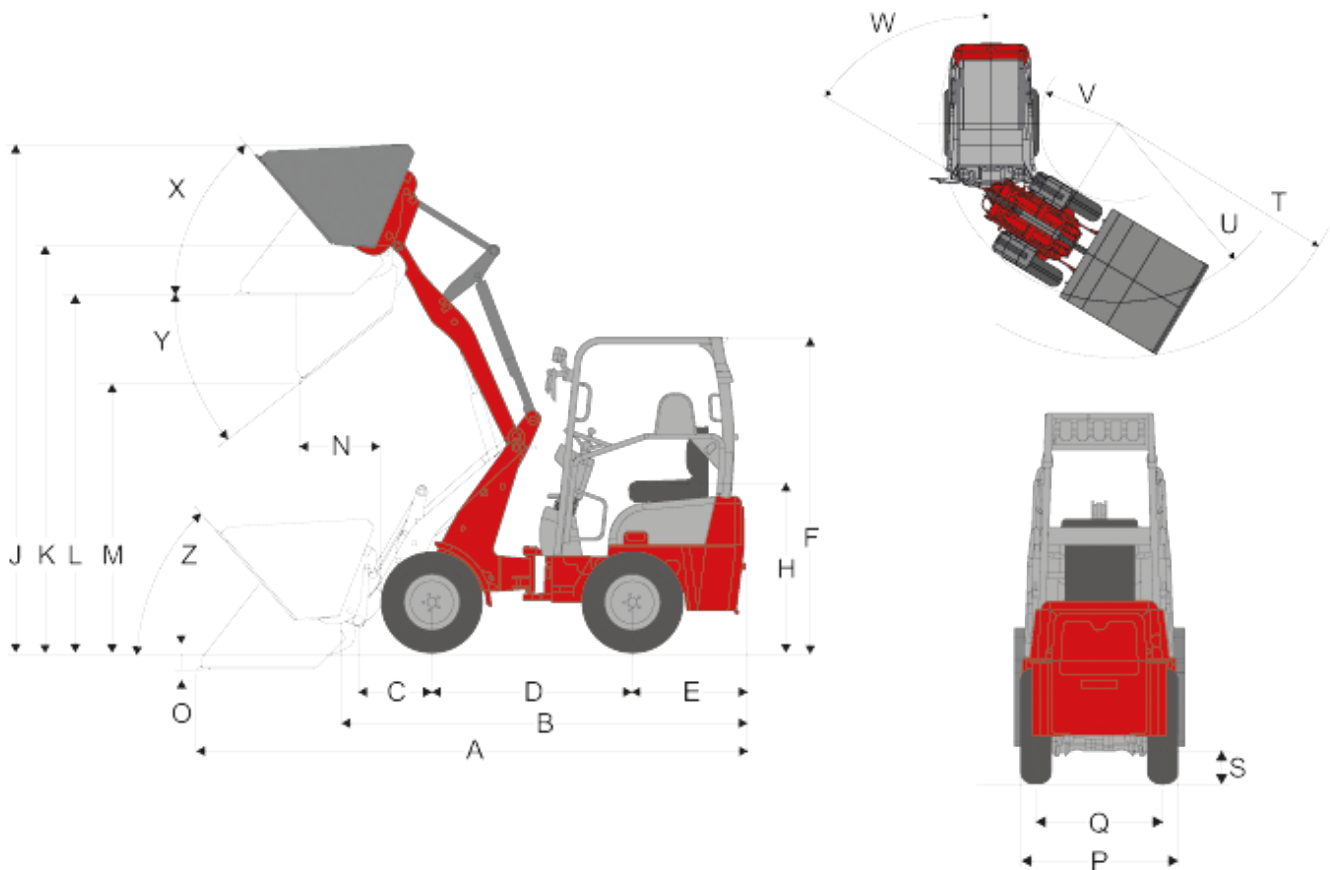
It is recommended to use the values specified in the table when calculating the vibration values according to ISO/TR 25398:2006. At the same time the actual use conditions have to be taken into consideration.

Telescopic loaders, like wheel loaders, are to be classified by operating weight.

| Type of loader | Typical operating conditions | Average value | | | Standard deviation (s) | | |
|--|---|---|---|---|---|---|---------------------------------------|
| | | 1.4*a _{w,eqx} [m/s ²] | 1.4*a _{w,eqy} [m/s ²] | a _{w,eqz} [m/s ²] | 1.4*s _x [m/s ²] | 1.4*s _y [m/s ²] | s _z [m/s ²] |
| Compact wheel loader (operating weight < 4,500 kg) | Load & carry (loading and transport work) | 0.94 | 0.86 | 0.65 | 0.27 | 0.29 | 0.13 |
| Wheel loader (operating weight > 4,500 kg) | Load & carry (loading and transport work) | 0.84 | 0.81 | 0.52 | 0.23 | 0.2 | 0.14 |
| | Application in extraction (harsh application conditions) | 1.27 | 0.97 | 0.81 | 0.47 | 0.31 | 0.47 |
| | Transfer drive | 0.76 | 0.91 | 0.49 | 0.33 | 0.35 | 0.17 |
| | V-operation | 0.99 | 0.84 | 0.54 | 0.29 | 0.32 | 0.14 |

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Dimensions

Standard tyres 7.00 - 12 AS ET40

| | | |
|---|--|----------|
| A | Total length | 3.706 mm |
| B | Total length (without bucket) | 2.733 mm |
| C | Axle middle to bucket pivot pin | 496 mm |
| D | Wheelbase | 1.345 mm |
| E | Rear overhang | 779 mm |
| F | Height to top of overhead guard fixed | 2.124 mm |
| | Height to top of overhead guard foldable (eps) | 2.227 mm |
| | Height to top of overhead guard foldable, folded (eps) | 1.937 mm |



| | | |
|---|---------------------------------------|----------|
| H | Seat top height | 1.142 mm |
| J | Total working height | 3.415 mm |
| K | Height of bucket pivot (max.) | 2.734 mm |
| L | Load-over height | 2.405 mm |
| M | Dumping height | 1.807 mm |
| N | Operating distance for M | 550 mm |
| O | Digging depth | 113 mm |
| P | Total width | 850 mm |
| Q | Track width | 660 mm |
| S | Ground clearance | 190 mm |
| T | Maximum radius external | 2.140 mm |
| U | Radius at the outer edge | 1.570 mm |
| V | Inside turning radius | 600 mm |
| W | Inclination angle | 55 ° |
| X | Rollback angle at max. lifting height | 50 ° |
| Y | Dumping angle (max.) (max.) | 39 ° |
| Z | Rollback angle (on the ground) | 48 ° |

eps (Easy Protection System) = fold-down canopy

Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. Photos may depict options. Subject to change without notice. Errors and omissions are reserved. The contractual agreement is expressly decisive. 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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