

**1350**  
Hoftrac**Technical specifications**

	<b>1350 CC</b>	<b>1350 CX</b>	<b>1350 CX cabin</b>
<b>Engine data</b>			
Manufacturer	Perkins	Perkins	Perkins
Engine type	404 D-22 de	404 D-22 de	404 D-22 de
Cylinders	4	4	4
Engine performance (max.) kW (hp)	31,4 ( 43 )	31,4 ( 43 )	31,4 ( 43 )
at rpm (max.) rpm	2.600	2.600	2.600
Cubic capacity cm <sup>3</sup>	2.216	2.216	2.216
Cooling system	Water	Water	Water
<b>Electric motor</b>			
<b>Battery Standard</b>			
<b>Battery Optional</b>			



	<b>1350 CC</b>	<b>1350 CX</b>	<b>1350 CX cabin</b>
<b>Electrical system</b>			
Operating voltage V	12	12	12
Battery Ah	77	77	77
Alternator A	65	65	65
<b>Weights</b>			
Operating weight (standard) kg	2.550	2.740	2.870
Lift force (max.) daN	2.743	2.743	2.743
Tipping load with bucket - machine straight kg	1.689	1.972	2.083
Tipping load with bucket - machine articulated kg	1.361	1.563	1.743
Tipping load with pallet fork - machine straight kg	1.342	1.556	1.653
Tipping load with pallet fork - machine articulated kg	1.074	1.249	1.375
<b>Vehicle data</b>			
Axle	T94	T94	T94
Cab (optional)	FSD (eps)	FSD (eps, cabin)	Cab
Ground speed (optional) km/h	0 - 20 (30*)	0 - 20 (30*)	0 - 20 (30*)
Speed stages	2	2	2
Fuel tank capacity l	50	50	50
Hydraulic oil tank capacity l	30	30	30
<b>Hydraulic system</b>			
External services - Operating pressure bar	360	360	360
Steering hydraulics - Oil flow l/min	49,4	49,4	49,4
Steering hydraulics - Operating pressure bar	210	210	210
<b>Drive</b>			
Type of drive	Hydrostatic	Hydrostatic	Hydrostatic
Traction drive	Universal joint shaft	Universal joint shaft	Universal joint shaft
<b>Noise values</b>			
Average sound power level LwA dB(A)	99,9	99,9	99,9
Guaranteed sound power level LwA dB(A)	101	101	101
Specified sound pressure level LpA dB(A)	82	82	82

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/s<sup>2</sup>

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

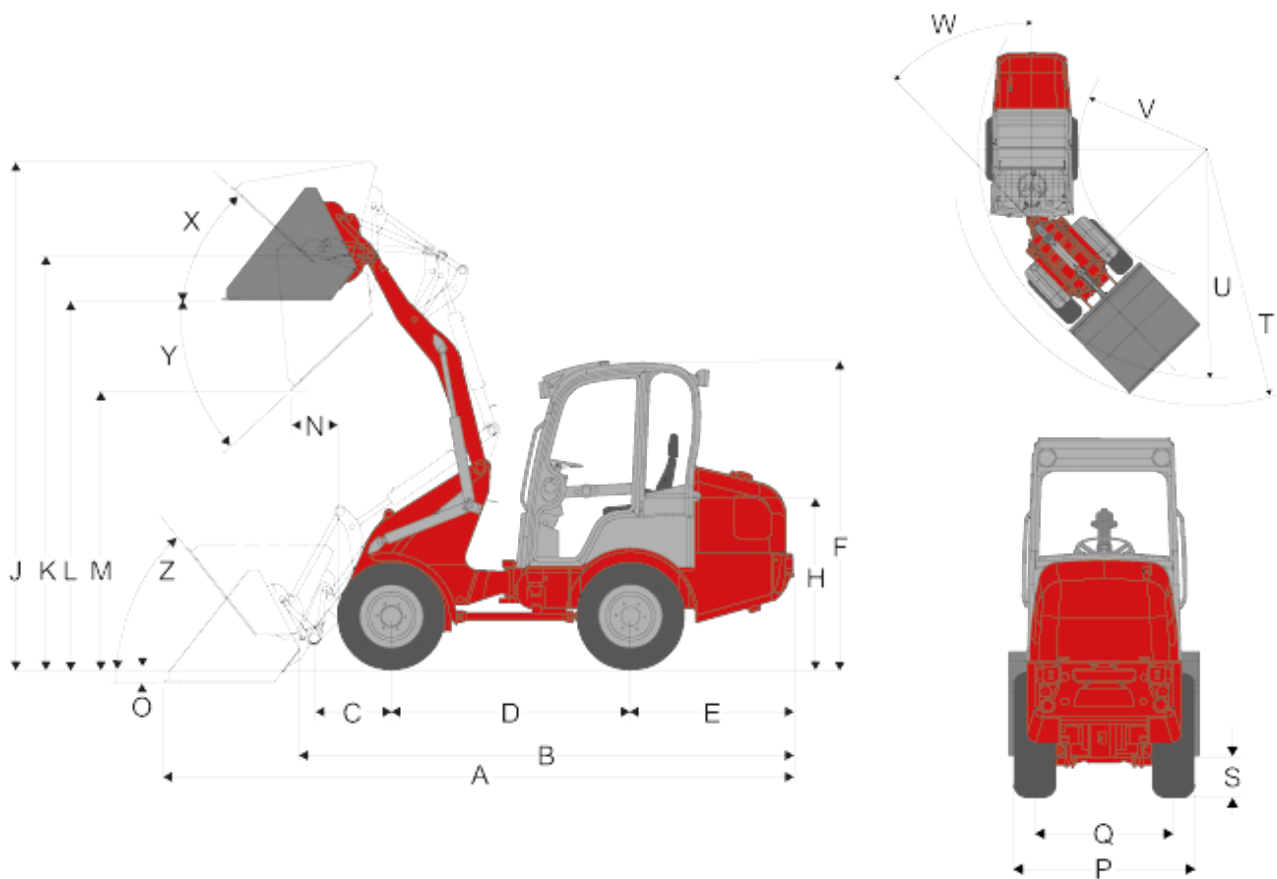
When the loader is properly used, the whole body vibrations vary from below 0.5 m/s<sup>2</sup> up to a short-term maximum value.

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 <sub>w,eqx</sub> [m/s <sup>2</sup> ]	1.4*a <sub>w,eqy</sub> [m/s <sup>2</sup> ]	a <sub>w,eqz</sub> [m/s <sup>2</sup> ]	1.4*s <sub>x</sub> [m/s <sup>2</sup> ]	1.4*s <sub>y</sub> [m/s <sup>2</sup> ]	s <sub>z</sub> [m/s <sup>2</sup> ]
Compact wheel loader (operating weight < 4,500 kg)	Load & carry (load and transport work)	0.94	0.86	0.65	0.27	0.29	0.13
Wheel loader (operating weight > 4,500 kg)	Load & carry (load 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

**1350**  
 Hoftrac

**Dimensions**


Standard tyres 10.0 / 75 - 15.3 AS ET80

A	Total length	4.563 mm
B	Total length (without bucket)	3.586 mm
C	Axle middle to bucket pivot pin	560 mm
D	Wheelbase	1.732 mm
E	Rear overhang	1.182 mm
F	Height to top of overhead guard fixed	2.225 mm
	Height to top of overhead guard foldable (eps)	2.339 mm
	Height to top of overhead guard foldable, folded (eps)	1.823 mm



	Height to top of cabin	
H	Seat top height	1.245 mm
J	Total working height	3.687 mm
K	Height of bucket pivot (max.)	3.000 mm
L	Load-over height	2.681 mm
M	Dumping height	2.024 mm
N	Operating distance for M	339 mm
O	Digging depth	89 mm
P	Total width	1.044 mm
Q	Track width	780 mm
S	Ground clearance	250 mm
T	Maximum radius external	2.879 mm
U	Radius at the outer edge	2.531 mm
V	Inside turning radius	1.327 mm
W	Inclination angle	50 °
X	Rollback angle at max. lifting height	43 °
Y	Dumping angle (max.) (max.)	43 °
Z	Rollback angle (on the ground)	52 °

eps (Easy Protection System) = fold-down canopy

**1350**

Hoftrac

**Standard features****Engine**

- Perkins 404 D-22 de (31.4 kW / 43 hp)

**Drive**

- Compact axle T94
- Hydrostatic all-wheel drive, travel direction can be selected via joystick
- Service brake: Hydrostatic drive system acting on all 4 wheels (wear-free)
- Central service and parking brake in the drive train acting on all 4 wheels
- 100% differential lock, electro-hydraulic connectable to the front and rear axle (only series with 1350 CX)
- Tyres 10.0 / 75 - 15.3 AS ET80

**Steering**

- Hydraulic articulated pendulum steering, 12° oscillating angle

**Hydraulics**

- 3rd control circuit front DN12
- Hydraulic oil cooler
- Lock for steering valve
- Floating position for lift and tilting cylinders

**Driver's cab**

- Canopy with retaining system ROPS / FOPS tested, driver's cab can be tilted to the side
- Comfort seat with safety belt, fully suspended, weight, back and horizontal adjustment, 60 mm spring deflection
- Joystick with direction control switch and integrated touch button for differential lock (only series with 1350 CX)
- Adjustable steering column (only series with 1350 CX)

**Other**

- Working lights (2 front, 2 rear)
- Operating hour meter
- Battery circuit breaker
- Fuel display
- Mechanical quick-change system for attachments (only series with 1350 CC)
- Hydraulic quick-change system for attachments (only series with 1350 CX)

**1350**

Hoftrac

**Options****Driver's cab**

- eps (Easy Protection System) - fold-down canopy
- 2-door cabin, including heating and ventilation (only option with 1350 CX)
- Air-suspended comfort seat
- Adjustable steering column (only option with 1350 CC)

**Lighting**

- Working light on loading arm
- Lighting according to Road Traffic Regulations
- Rotary beacon

**Drive**

- Chassis increase (30 mm)
- 100% differential lock (only option with 1350 CC)
- Speed increase to 30 km/h

**Hydraulics**

- Unpressurised reflux (front / rear)
- 3rd comfort control circuit
- 4th comfort control circuit
- 4th control circuit additional
- Gear pump (58.5 l/min) (only option with 1350 CX)
- Faster plug-in connector (machine or attachment side)
- Notch for joystick (single (double only option with 1350 CC))
- Hydraulic connection in rear (single-acting or dual-acting)
- Three-point rear tool holder (only option with 1350 CX)

**Electrical connections**

- Plug receptacle in front, triple-pole (single or dual function)
- Plug receptacle for rear attachments, 7-pin

**Other**

- Engine pre-heating
- Radio (only option with 1350 CX)
- Hydraulic quick-change system for attachments (only option with 1350 CC)
- High lifting height
- Counterweight (floor panel)
- Cast rear counterweight (only option with 1350 CC)
- Back-up alarm
- Load-lowering valve
- Combination case with warning triangle and first-aid kit
- Switch position indicator
- Tool box
- Technical Inspection Authority expert's report
- Fully automatic central lubrication unit



- Custom made paint finish
- Hand lever grease gun
- Loading arm dampening (only option with 1350 CX)

**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.  
Copyright © 2016 Weidemann GmbH.