

**1370 CX**

Hoftrac

**Technical specifications**

	1370 CX	1370 CX cabin
Engine data		
Manufacturer	Perkins	Perkins
Engine type	404 D-22	404 D-22
Cylinders	4	4
Engine performance (max.) kW (hp)	35,7 (49)	35,7 (49)
at rpm (max.) rpm	2.600	2.600
Cubic capacity cm ³	2.216	2.216
Cooling system	Water	Water
Electric motor		
Battery Standard		
Battery Optional		



	1370 CX	1370 CX cabin
Electrical system		
Operating voltage V	12	12
Battery Ah	77	77
Alternator A	65	65
Weights		
Operating weight (standard) kg	2.780	2.880
Lift force (max.) daN	2.743	2.743
Tipping load with bucket - machine straight kg	1.997	2.120
Tipping load with bucket - machine articulated kg	1.604	1.786
Tipping load with pallet fork - machine straight kg	1.575	1.673
Tipping load with pallet fork - machine articulated kg	1.265	1.425
Vehicle data		
Axle	PA 940	PA 940
Cab (optional)	FSD (eps, cabin)	Cab
Ground speed (optional) km/h	0 - 20 (28*)	0 - 20 (28*)
Speed stages	2	2
Fuel tank capacity l	50	50
Hydraulic oil tank capacity l	30	30
Hydraulic system		
External services - Operating pressure bar	450	450
Steering hydraulics - Oil flow l/min	49,4	49,4
Steering hydraulics - Operating pressure bar	210	210
Drive		
Type of drive	Hydrostatic	Hydrostatic
Traction drive	Universal joint shaft	Universal joint shaft
Noise values		
Average sound power level LwA dB(A)	99,4	99,4
Guaranteed sound power level LwA dB(A)	101	101
Specified sound pressure level LpA dB(A)	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/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.

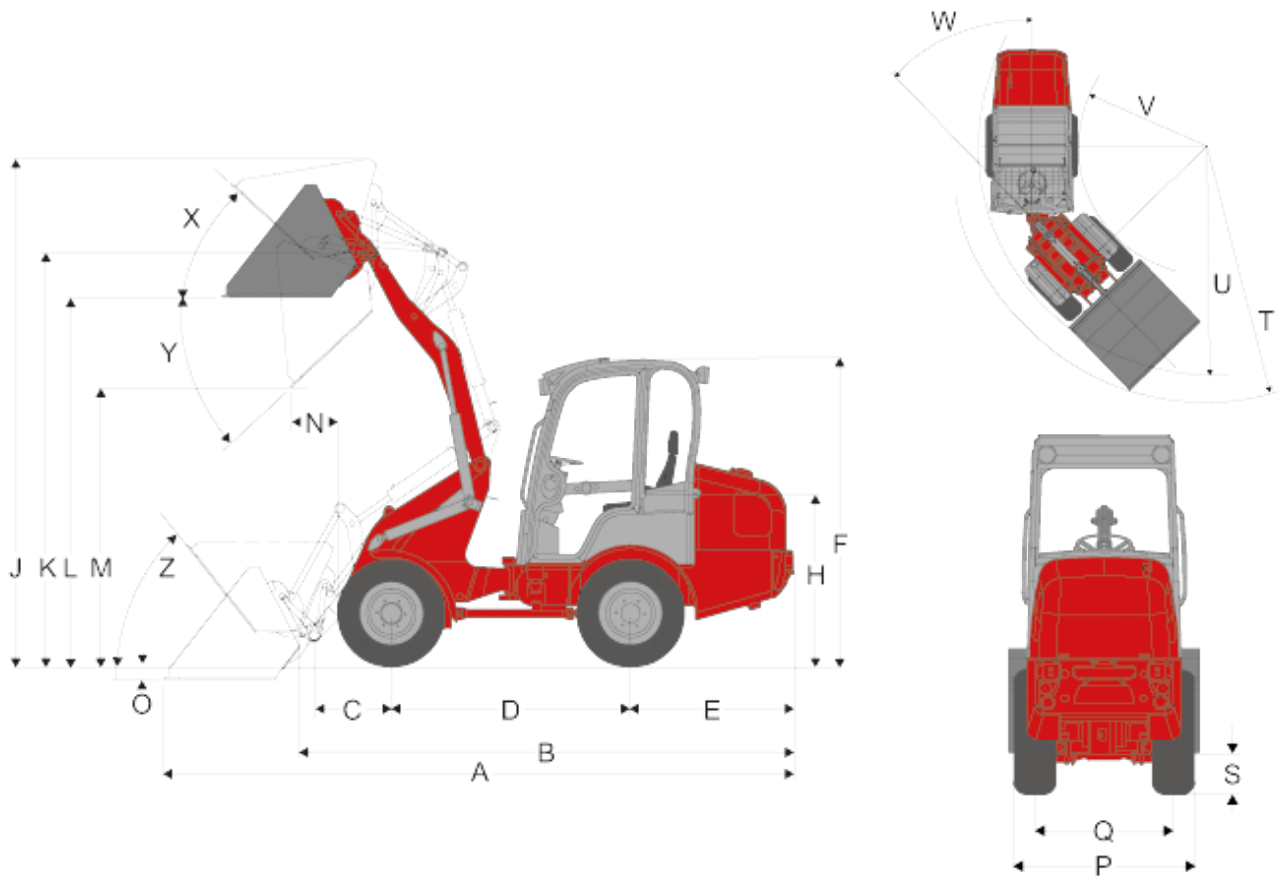
Type of loader	Typical operating conditions	Average value			Standard deviation (s)		
		$1.4 \cdot a_{w,eqx}$ [m/s ²]	$1.4 \cdot a_{w,eqy}$ [m/s ²]	$a_{w,eqz}$ [m/s ²]	$1.4 \cdot s_x$ [m/s ²]	$1.4 \cdot s_y$ [m/s ²]	s_z [m/s ²]
Compact wheel loader (operating weight < 4,500 kg)	Load & carry (load and 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



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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



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Standard features

Engine

- Perkins 404 D-22 (35.7 kW / 49 hp)

Drive

- PA940 planetary axle
- 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, electric-hydraulically connectable on front and rear axle
- 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
- Joystick with direction control switch and integrated touch button for differential lock
- Adjustable steering column

Other

- Working lights (2 front, 2 rear)
- Operating hour meter
- Battery circuit breaker
- Fuel display
- Hydraulic quick-change system for attachments



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Options

Driver's cab

- eps (Easy Protection System) - fold-down canopy
- 2-door cabin, including heating and ventilation
- Air-suspended comfort seat

Lighting

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

Drive

- Chassis increase (30 mm)
- Hand inching (creep speed controller)
- Speed increase to 28 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)
- Faster plug-in connector (machine or attachment side)
- Notch for joystick (single)
- Hydraulic connection in rear (single-acting or dual-acting)
- Three-point rear tool holder

Electrical connections

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

Other

- Engine pre-heating
- Radio
- High lifting height
- Counterweight (floor panel)
- 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
- Load vibration suppression



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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