



1280
Hoftrac



Technical specifications

	Standard	Outfitting example
Engine data		
Manufacturer	Perkins	Perkins
Engine type	404 D-15	404 D-15
Cylinders	4	4
Engine performance (max.) kW (hp)	24.6 (33)	24.6 (33)
at rpm (max.) rpm	2800	2800
Cubic capacity cm ³	1508	1508
Cooling system	Water	Water



	Standard	Outfitting example
Electrical system		
Operating voltage V	12	12
Battery Ah	77	77
Alternator A	65	65
Weights		
Operating weight (standard) kg	2380	2550
Lift force (max.) daN	2.473	2.473
Tipping load with bucket - machine straight kg	1174 / 1445*	1278 / 1549*
Tipping load with bucket - machine articulated kg	958 / 1175*	1044 / 1261*
Tipping load with pallet fork - machine straight kg	965 / 1182*	1080 / 1297*
Tipping load with pallet fork - machine articulated kg	786 / 964*	874 / 1052*
Vehicle data		
Axle	T94	T94
Cab (optional)	FSD (eps, cabin)	Cab
Ground speed (optional) km/h	0 - 20 (30)	0 - 20 (30)
Speed stages	2	2
Fuel tank capacity l	43	43
Hydraulic oil tank capacity l	25,5	25,5
Hydraulic system		
External services - Operating pressure bar	330	450
Steering hydraulics - Oil flow l/min	44.8	44.8
Steering hydraulics - Operating pressure bar	185	185
Drive		
Type of drive	Hydrostatic	Hydrostatic
Traction drive	Universal joint shaft	Universal joint shaft
Noise values		
Average sound power level LwA dB(A)	99,7	99,7
Guaranteed sound power level LwA dB(A)	101	101
Specified sound pressure level LpA dB(A)	82	82

*Tipping load with counterweight (base plate) and cast rear weight

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.

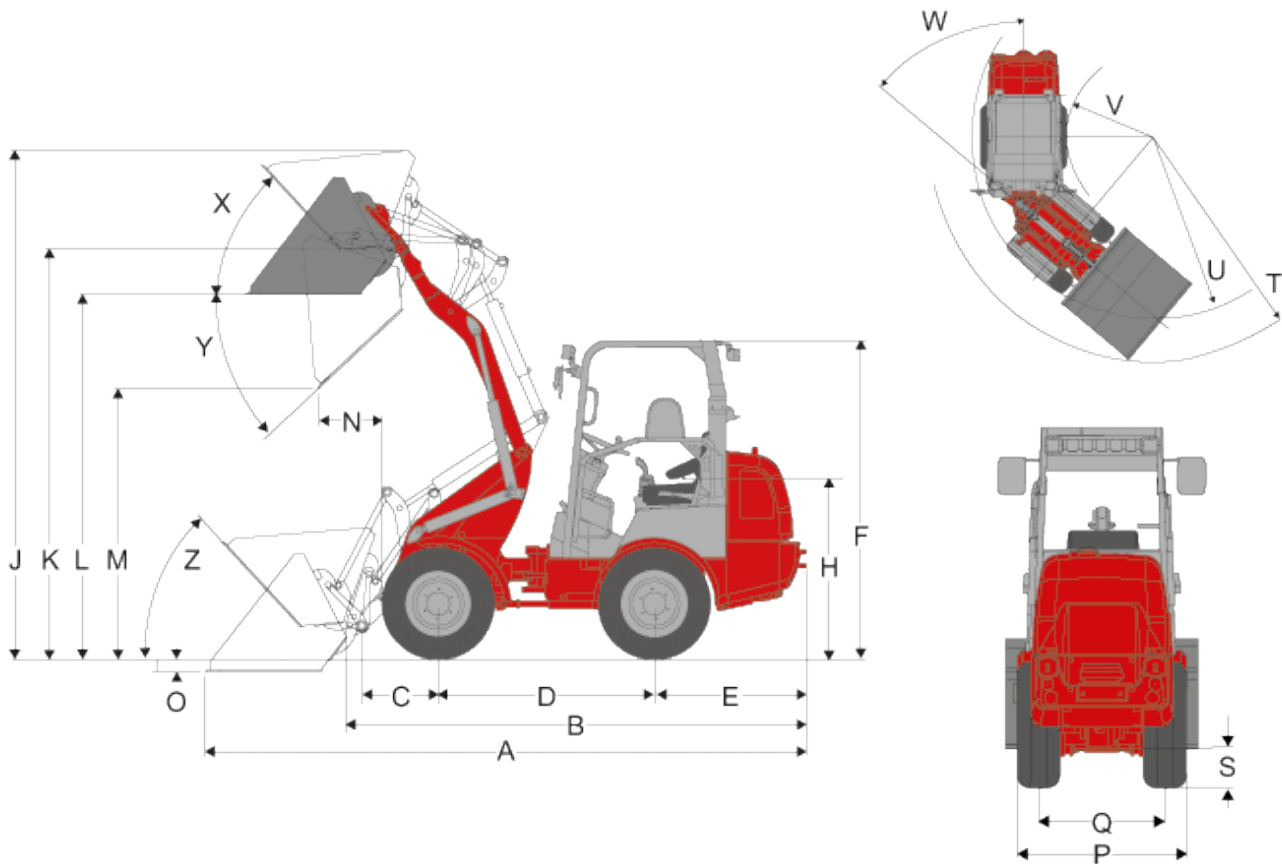
Telescopic loaders, like wheel loaders, are to be classified by operating weight.

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



A	Total length	4.248 mm
B	Total length (without bucket)	3.270 mm
C	Axle middle to bucket pivot pin	531 mm
D	Wheelbase	1.623 mm
E	Rear overhang	1.000 mm
F	Height to top of overhead guard fixed	2.184 mm
	Height to top of overhead guard foldable (eps)	2.298 mm



	Height to top of overhead guard foldable, folded (eps)	1.780 mm
	Height to top of cabin	2.208 mm
H	Seat top height	1.259 mm
J	Total working height	3.545 mm
K	Height of bucket pivot (max.)	2.860 mm
L	Load-over height	2.541 mm
M	Dumping height	1.884 mm
N	Operating distance for M	447 mm
O	Digging depth	81 mm
P	Total width	1.044 mm
Q	Track width	780 mm
S	Ground clearance	250 mm
T	Maximum radius external	2.918 mm
U	Radius at the outer edge	2.541 mm
V	Inside turning radius	1.423 mm
W	Inclination angle	45 °
X	Rollback angle at max. lifting height	47 °
Y	Dumping angle (max.) (max.)	43 °
Z	Rollback angle (on the ground)	47 °

eps (Easy Protection System) = fold-down canopy



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Standard components

Engine

- Perkins 404 D-15 (24.6 kW / 33 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
- Tyres 10.0 / 75 - 15.3 AS ET80

Steering

- Hydraulic articulated pendulum steering, 12° oscillating angle

Hydraulics

- 3rd Control circuit front DN10
- 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 travel direction switch
- Adjustable steering column



Other

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



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Options

Driver's cab

- Right armrest
- 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

- T94 including transfer gear and universal joint shaft (high pressure drive system)
- 100% differential lock
- Hand inching (creep speed controller)
- Speed increase to 30 km/h

Hydraulics

- Unpressurised reflux (front / rear)
- 3rd control circuit front DN12
- 3rd comfort control circuit
- 4th comfort control circuit
- Faster plug-in connector (machine or attachment side)
- Notch for joystick (single / double)
- 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
- Hydraulic quick-change system for attachments
- Counterweight (floor panel)
- Weight of cast iron rear
- Back-up alarm
- Load-lowering valve
- Combination case with warning triangle and first-aid kit
- Switch position indicator
- Self-recovery coupling
- Tool box
- Technical Inspection Authority expert's report
- Fully automatic central lubrication unit
- Custom made paint finish
- Hand lever grease gun

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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