



# 1280 Hoftrac

## Technical Data

### ■ Standard engine data

Engine manufacturer	Perkins
Motor type	403 J-17 T
Cylinder	3
Drive output	18.4 kW
Drive output	25 PS
at max. rpm	2,800 U/min
Cylinder capacity	1,663 cm <sup>3</sup>
Type of coolant	Water
Exhaust standard level	V
Exhaust aftertreatment	-

### ■ Electrical system

Operating voltage	12 V
Battery	77 Ah
Alternator	65 A

### ■ Weights

Operating weight	2,300 - 2,580 kg
Thrust force (max.)	1,939 - 2,058 daN
Lift capacity (max.)	1,965 - 2,063 daN
Tipping load with bucket – machine straight, loading frame horizontal	1,350 - 1,780 kg
Tipping load with bucket – machine pivoted, loading frame horizontal	1,120 - 1,480 kg
Tipping load with bucket - machine straight, loading frame in lowest position	2,120 - 3,040 kg
Tipping load with bucket - machine pivoted, loading frame in lowest position	1,770 - 2,550 kg
Tipping load with pallet fork – machine straight, loading frame horizontal	1,070 - 1,400 kg
Tipping load with pallet fork – machine pivoted, loading frame horizontal	880 - 1,150 kg
Tipping load with pallet fork - machine straight, transport position	1,430 - 1,970 kg
Tipping load with pallet fork - machine pivoted, transport position	1,190 - 1,640 kg

### ■ Driver's cab

Driver's cab	FSD (eps, cabin)
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### ■ Filling levels

Tank capacity for fuel	45 l
Tank capacity for hydraulic oil	27 l

### ■ Drive system

Type of drive	Hydrostatic
drive unit	universal joint shaft
Speed levels	2
Axle	T94
Travel speed Standard	0-20 km/h
Operating brake	Hydrostatic drive system acting on all 4 wheels (wear-free)
Parking brake	Service and parking brake in the drive train
Differential lock	100% VA + HA (option)

### ■ Hydraulic system

Drive hydraulics working pressure (max.)	370 bar
Work hydraulics discharge volume (max.)	44,8 l/min
Work hydraulics working pressure (max.)	185 bar

### ■ Kinematics

Kinematics type	P
Lifting cylinder	2
Tipping cylinder	1
Quick change system	Mechanical (hydraulically activated)

### ■ Steering

Steering type	hydraulically activated articulated pendulum steering
Steering cylinder	1
Oscillating angle	± 12 degree

### ■ Noise characteristic values

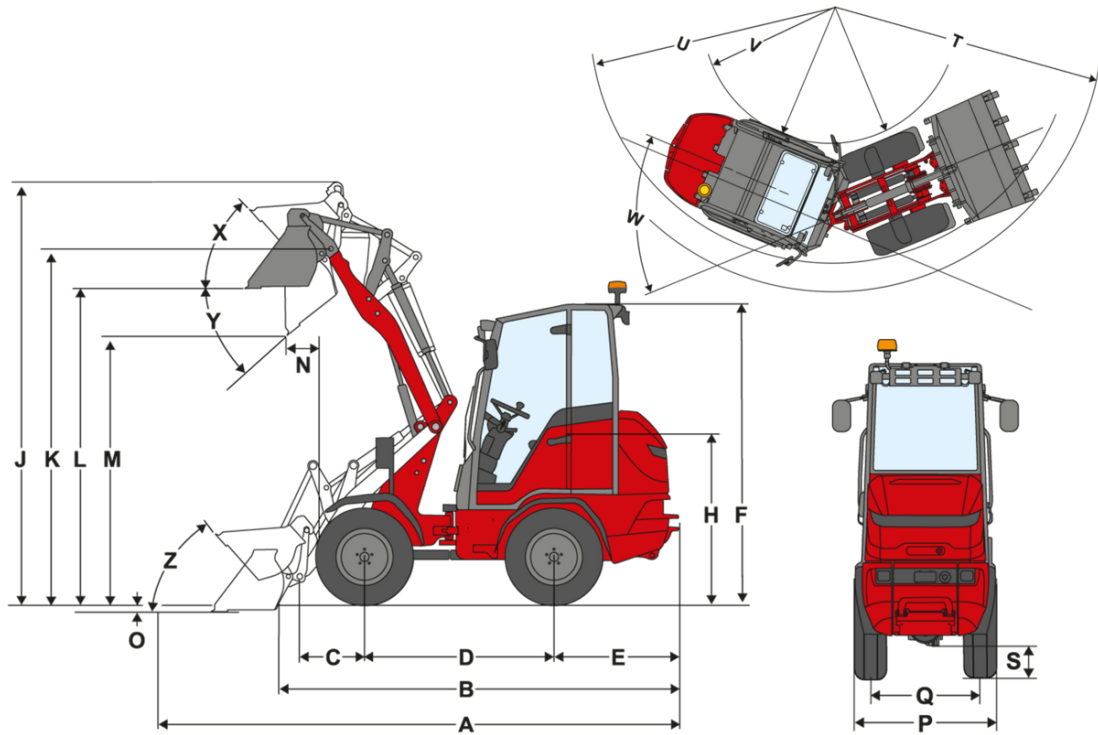
Average sound power level L <sub>wA</sub> (operator's canopy)	99.9 dB(A)
Guaranteed sound power level L <sub>wA</sub> (operator's canopy)	101 dB(A)

Specified sound pressure level LpA (operator's canopy)	84 dB(A)
Average sound power level LwA (cabin)	99.9 dB(A)
Guaranteed sound power level LwA (cabin)	101 dB(A)
Specified sound pressure level LpA (cabin)	79 dB(A)

■ **Other information**

FSD = operator's canopy  
 eps = Easy Protection System (fold-down operator's canopy)  
 DPF = diesel particulate filter  
 DOC = diesel oxidation catalyst  
 Tipping load calculation pursuant to ISO 14397

## Dimensions



		<b>P-kinematics (Standard)</b>	<b>P-kinematics (long)</b>
	Standard components	10.0/75 - 15.3 AS ET80	10.0/75 - 15.3 AS ET80
<b>A</b>	Total length	4,053 mm	4,276 mm
<b>B</b>	Total length without bucket	3,321 mm	3,545 mm
<b>C</b>	Bucket pivot point (to center of axle)	534 mm	758 mm
<b>D</b>	Wheel base	1,623 mm	1,623 mm
<b>E</b>	Rear overhang	1,054 mm	1,054 mm
<b>F</b>	Height with operator's canopy fixed	2,255 mm	2,255 mm
	Height with fold-down operator's canopy (eps)	2,373 mm	2,373 mm
	Height with fold-down operator's canopy, folded down (eps)	1,856 mm	1,856 mm
	Height with cab	2,280 mm	2,280 mm
<b>H</b>	Seat height	1,320 mm	1,320 mm
<b>J</b>	Total working height	3,461 mm	3,710 mm
<b>K</b>	Bucket pivot point (max. lift height)	2,872 mm	3,120 mm
<b>L</b>	Load-over height	2,544 mm	2,820 mm
<b>M</b>	Dumping height	2,067 mm	2,380 mm
<b>N</b>	Reach (at M)	265 mm	330 mm
<b>O</b>	Digging depth	37 mm	110 mm
<b>P</b>	Total width	1,044 mm	1,044 mm
<b>Q</b>	Track width	780 mm	780 mm
<b>S</b>	Ground clearance		
<b>T</b>	Maximum radius	2,846 mm	2,951 mm
<b>U</b>	Radius on the outer edge	2,546 mm	2,546 mm
<b>V</b>	Inner radius	1,423 mm	1,423 mm
<b>W</b>	Articulation angle	45 °	45 °
<b>X</b>	Rollback angle at max. lift height	47 °	52 °
<b>Y</b>	Dumping angle	44 °	36 °
<b>Z</b>	Rollback angle on ground	48 °	47 °

## Standard components

### Engine

- Perkins 403 J-17T, {18,4 kW / 25 PS}{18.4 kW / 24.7 HP}, Stage V

### Tires

- 10.0/75–15.3 BKT AS 504 ET80, incl. turning rims, tread AS, width {1840 mm}{41.1}, width turned {1840 mm}{41.1 in}

### Steering system

- Hydraulically activated articulated pendulum steering, oscillating angle:  $\pm 12^\circ$
- Steering cylinder: 1

### Drive system

- Axle: T94
- Drive system: Hydrostatic medium pressure all-wheel drive
- Speed: {20 km/h}{12.4 mph}
- Travel speeds: 2
- Operating brake: Hydrostatic drive system acting on all 4 wheels (wear-free)
- Parking brake: Central service and parking brake in the drive train acts on all 4 wheels

### Hydraulics

- Mechanical pilot-operated joystick with travel direction switch
- 3rd front control circuit via lever
- Hydraulic oil cooler

### Operator's cab

- Overhead guard with ROPS/FOPS tested restraint system
- Driver's cab tilts to the side
- Generous provision of space in all operator's cabs
- Ergonomic, generous access
- Adjustable steering column (tilt)

### Operator's seat

- Comfort seat with safety belt, fully suspended, weight, back and horizontal adjustment

### Lighting

- LED Basic work lights (1000 lm) on the roof, 2 front, 2 rear

### Loading system

- Loader unit LS924
- Mechanical quick coupler system (Weidemann)
- Kinematics: P
- Lifting cylinder: 2
- Tipping cylinder: 1
- Floating position for lifting and tipping cylinders

## Options

### Operator's cab

- Operator's canopy with ROPS/FOPS-tested fold-down eps (work lights: 1x front on load arm and 1x rear)
- 2-door cabin, incl. heater and fan (work lights: 2x front and 2x rear)
- Right armrest
- Radio DAB+-ready (aerial, speaker)
- Radio DAB+ complete
- Cabin outlet 230 V (connection power max. 2000 W), (Only works with connected engine pre-heating on the 230 V grid)

### Operator's seat

- Synthetic leather seat (standard with overhead guard), (MSG 20)
- Synthetic leather seat; heated (MSG 20)
- Synthetic leather seat; air-sprung (MSG 75)
- Synthetic leather seat; air-sprung; heated (MSG 75)
- Fabric seat (standard with cabin), (MSG 20)
- Fabric seat; heated (MSG 20)

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

- Fabric seat; air-sprung (MSG 75)
- Fabric seat; air-sprung; heated (MSG 75)

### Lighting

- Lighting according to StVZO road regulations
- LED Performance work lights (2000 lm) on the roof, 2 front, 2 rear LED work lights, 2 front 2 rear
- LED Basic work lights (1000 lm) 1 additional on the loader unit
- Rotating beacon (yellow), national regulations must be observed!
- Rotating beacon (yellow) with magnetic base, national regulations must be observed!

### StVZO – equipment

- Individual operating permit < 25 km/h
- License plate holder

### Engine

- Engine pre-heating (coolant) + hydraulic oil pre-heating 230 V

### Drive system & Axles

- Axle T94, hydrostatic medium pressure all-wheel drive, 100% differential lock
- Speed limiter proportional (slow speed device)
- Chassis elevation (+{30 mm}{1.18 in})

### Tires

- 10.0/75–15.3 BKT AS 504 ET40, tread AS, width {1124 mm}{47.8 in}, width turned {1300 mm}{51.18 in}
- 31 x 15.50–15 BKT TR 313 ET0, tread AS, width {1320 mm}{51.97 in}
- 31 x 15.50–15 BKT TR 313 ET-37, tread AS, width {1394 mm}{54.88 in}
- 400/50–15 (31x15.5–15) Starco AS ET0, tread AS, width {1294 mm}{50.95 in}
- 400/50–15 (31x15.5–15) Starco AS ET-37, tread AS, width {1368 mm}{53.86 in}
- 27 x 8.50–15 BKT SkidPower HD ET80, tread EM, width {1000 mm}{39.37 in}, width turned {1340 mm}{52.76 in}
- 27 x 10.50–15 BKT SkidPower HD ET60, tread EM, width {1080 mm}{42.52 in}, width turned {1330 mm}{52.36 in}
- 10–16.5 BKT SkidPower ET0, tread EM, width {1200 mm}{47.24 in}
- 31 x 15.50–15 BKT SkidPower HD ET0, tread EM, width {1340 mm}{52.76 in}
- 31 x 15.50–15 BKT SkidPower HD ET-37, tread EM, width {1414 mm}{55.67 in}
- 31 x 15.50–15 BKT TracMaster ET0, tread RP, width {1313 mm}{51.69 in}
- 10–16.5 BKT SureTrax HD ET0, tread Sure Trax, width {1200 mm}{47.24 in}
- Turned

### Loading system

- Loader unit P-kinematics LS928 ({3120 mm}{122.84 in})
- Load arm dampening
- Lowering brake valve (hose burst protection for lifting and tipping cylinders)
- Bucket level indicator

### Quick change plates

- Weidemann hydraulic
- Weidemann HV/HT – C – ECS
- Euro (hydraulic – ISO23206 EURO HV)
- Skid steer hydraulic
- SMS HV (hydraulic)

### Hydraulics in front

- Single-notch on lever for 3rd control circuit
- Double-notch on lever for 3rd control circuit
- Unpressurized front return line
- 3rd control circuit at the front, DN12
- 3rd comfort control circuit, including single-notch on lever for 3rd control circuit (Operation: via touch button on joystick + filling and emptying)
- 4th comfort control circuit, including single-notch on lever for 3rd control circuit (Operation: via touch button on joystick + filling and emptying), (3rd control circuit at the front cannot be actuated simultaneously)
- 4th control circuit also via 4-way valve (Operation: via separate lever)
- Faster quick coupler, 4-way – machine side
- Faster quick coupler, 4-way – attachment side

### Hydraulics in rear

- 1 rear hydraulic connection, single-acting (one SVK size 3 coupling) (loader unit or 3rd control circuit in front cannot be actuated simultaneously)
- Unpressurized return at the rear

**Bio-hydraulic oil**

- Shell PANOLIN S4 HLP Synth 46 (bio hydraulic oil)

**Electrical connections in front**

- Front 3-pin socket for single function (Operation: via switch (0 - 1) in steering column)
- Front 3-pin socket for dual function (Operation: via switch (1 - 0 - 2) in steering column)
- Front 3-pin socket for dual function (Operation: via 2 buttons on the joystick; 1st momentary, 2nd latching)

**Electrical connections in rear**

- Rear socket 7-pole for lighting of rear attachments

**Additional weight**

- Floor plate ballast weight ({97 kg}{213.9 lb})
- Cast iron rear ballast weight({93 kg}{205 lb}) Machine length +{55 mm}{2.17 in}

**Safety options**

- Reversing alarm (acoustic)

**Other**

- Hand lever grease press
- Combination bag (warning triangle / first aid kit)
- Combination box (for combination bag) (not necessary with the cabin)
- Tool box
- Set of tools
- Fully automatic central lubrication unit

**Warranty extension**

- Economy 24 months (2500 h)
- Economy 36 months (3000 h)
- Economy 48 months (3500 h)
- Economy 60 months (4000 h)
- Premium 24 months (3000 h)
- Premium 36 months (4000 h)
- Premium 48 months (5000 h)
- Premium 60 months (6000 h)

**Custom-made paint finish**

- Special painting RAL single color - instead of Weidemann red
- Special painting RAL multicolored

**Trailer and recovery equipment**

- Bolt for self-recovery device (not approved for trailer operation!)
- Self-rescue coupling (not approved for trailer operation!)

**EquipCare (telematics)**

- EquipCare 36 months (including App & manager)