



1140 Hoftrac

Technical Data

■ Standard engine data

Engine manufacturer	Perkins
Motor type	403 J-11
Cylinder	3
Drive output	18.4 kW
Drive output	25 PS
at max. rpm	2,800 U/min
Cylinder capacity	1,131 cm ³
Type of coolant	Water
Exhaust standard level	V
Exhaust aftertreatment	-

■ Electrical system

Operating voltage	12 V
Battery	77 Ah
Alternator	40 A

■ Weights

Operating weight	1,560 - 1,740 kg
Thrust force (max.)	1,462 daN
Lift capacity (max.)	1,653 daN
Tipping load with bucket – machine straight, loading frame horizontal	730 - 900 kg
Tipping load with bucket – machine pivoted, loading frame horizontal	550 - 680 kg
Tipping load with bucket - machine straight, loading frame in lowest position	1,330 - 1,600 kg
Tipping load with bucket - machine pivoted, loading frame in lowest position	1,010 - 1,220 kg
Tipping load with pallet fork – machine straight, loading frame horizontal	540 - 670 kg
Tipping load with pallet fork – machine pivoted, loading frame horizontal	400 - 500 kg
Tipping load with pallet fork - machine straight, transport position	780 - 950 kg
Tipping load with pallet fork - machine pivoted, transport position	580 - 710 kg

■ Driver's cab

Driver's cab	FSD (eps)
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■ Filling levels

Tank capacity for fuel	21 l
Tank capacity for hydraulic oil	18 l

■ Drive system

Type of drive	Hydraulic (hydrostatic)
drive unit	oil engine
Speed levels	1
Axle	K75
Travel speed Standard	0-10 km/h
Travel speed Option 1	0-13 km/h
Operating brake	Transmission drum brake
Parking brake	Service and parking brake in the drive train

■ Hydraulic system

Drive hydraulics working pressure (max.)	215 (305) bar
Work hydraulics discharge volume (max.)	30,8 l/min
Work hydraulics working pressure (max.)	205 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 LwA (operator's canopy)	99.6 dB(A)
Guaranteed sound power level LwA (operator's canopy)	101 dB(A)

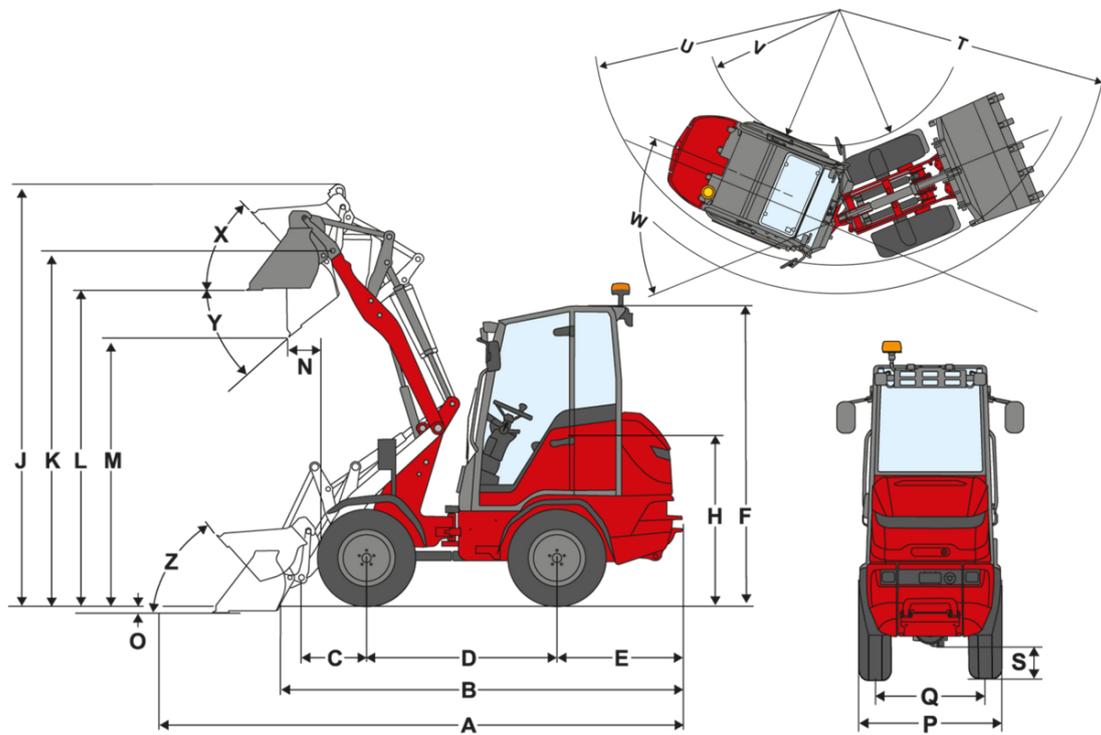
Specified sound pressure level LpA 86 dB(A)
(operator's canopy)

DPF = diesel particulate filter
DOC = diesel oxidation catalyst
Tipping load calculation pursuant to ISO 14397

■ **Other information**

FSD = operator's canopy
eps = Easy Protection System (fold-down operator's canopy)

Dimensions



P-kinematics (standard)

	Standard components	7.00 - 12 AS ET40
A	Total length	3,706 mm
B	Total length without bucket	2,733 mm
C	Bucket pivot point (to center of axle)	496 mm
D	Wheel base	1,345 mm
E	Rear overhang	779 mm
F	Height with operator's canopy fixed	2,124 mm
	Height with fold-down operator's canopy (eps)	2,227 mm
	Height with fold-down operator's canopy, folded down (eps)	1,937 mm
	Height with cab	
H	Seat height	1,142 mm
J	Total working height	3,415 mm
K	Bucket pivot point (max. lift height)	2,734 mm
L	Load-over height	2,405 mm
M	Dumping height	1,807 mm
N	Reach (at M)	550 mm
O	Digging depth	113 mm
P	Total width	850 mm
Q	Track width	660 mm
S	Ground clearance	
T	Maximum radius	2,140 mm
U	Radius on the outer edge	1,570 mm
V	Inner radius	600 mm
W	Articulation angle	55 °
X	Rollback angle at max. lift height	50 °
Y	Dumping angle	39 °
Z	Rollback angle on ground	48 °

Standard components

Engine

- Perkins 403 J-11, {18,4 kW / 25 PS}{18.4 kW / 24.7 HP}, EU Stage V

Tires

- 7.00–12 BKT AS 504 ET40, tread AS, width {850 mm}{33.47 in} (incl. turning rims, turned {1010 mm}{39.76 in})

Steering system

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

Drive system

- Axle: K75
- Drive system: Hydrostatic all-wheel drive via oil motors, travel direction selectable using foot pedal
- {10 km/h}{6.2 mph}
- Travel speeds: 2 (hydraulic high-speed)
- Operating brake: Transmission drum brake acts on rear axle
- Parking brake: Central service and parking brake in the drive train acts on all 4 wheels

Hydraulics

- Mechanical pilot-operated lever
- 3rd front control circuit via lever

Operator's cab

- Overhead guard with ROPS/FOPS tested restraint system
- Engine-hour indicator
- Fuel gauge

Operator's seat

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

Loading system

- Loader unit LS945
- Mechanical quick coupler system (Weidemann)
- Kinematics: P
- Lifting cylinder: 2
- Tipping cylinder: 1
- Floating position for lifting and tipping cylinders

Lighting

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

Options

Operator's cab

- Overhead guard, fold-down eps ROPS/FOPS tested (work lights: 1 front on load arm and 1 rear)
- Front and rear windshield
- Front and rear windshield with front windshield wiper
- Adjustable steering column (tilt)

Operator's seat

- Synthetic leather seat; heated (MSG20)
- Fabric seat (MSG20)
- Fabric seat; heated (MSG20)

Lighting

- Lighting according to StVZO road regulations
- 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) 230 V

Drive system & Axles

- Axle K75, hydrostatic all-wheel drive {13 km/h}{8.01 mph} (automatic driving via oil motors on the axles)

Tires

- 26.0x12.00–12 BKT TR 315 ET0, tread AS, width {1080 mm}{42.52 in}
- Dual tires 7.00–12 BKT AS 504 front, tread AS, width {1390 mm}{54.72 in}
- 27x8.50–15 BKT SkidPower HD ET30, tread EM, width {940 mm}{37.01 in}, turned {1040 mm}{40.95 in}
- 27x10.50–15 BKT SkidPower HD ET-5, tread EM, width {1000 mm}{39.37 in}
- 26.0x12.00–12 BKT LG 306 ET0, tread RP, width {1080 mm}{42.52 in}
- Turned
- Chassis elevation ({+30 mm}{1.18 in})
- Track extension ({+2x 15 mm})({+2x 0.59 in})

Quick change plates

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

Hydraulics in front

- Unpressurized front return line
- 3rd comfort control circuit, including single-notch on lever for 3rd control circuit (Operation: via touch button on joystick + filling and emptying)
- 4. 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)
- Single-notch on lever for 3rd control circuit
- Double-notch on lever for 3rd control circuit
- Lowering brake valve (hose burst protection for lifting and tipping cylinders)

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))

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)

Battery disconnect switch

- Battery disconnect switch fixed outside

Additional weight

- Rear attachment ballast weight ({96 kg})({211.6 lb})

Safety options

- Reverse alarm (acoustic)
- Lockable tank cap

Other

- Hand lever grease press
- Combination box (for combination bag)
- Combination bag (warning triangle / first aid kit)
- Bucket level indicator
- Tool box
- Set of tools
- Fully automatic central lubrication unit

Warranty extension

- Economy 24 months (2500 h)
- Economy 36 months (3000 h)

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.

- 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

- Self-recovery coupling (Not approved for trailer operation!)

EquipCare (telematics)

- EquipCare 36 months (including App & manager)