



1140 Hoftrac

Technical data

■ 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
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■ 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 (operator's canopy)	86 dB(A)

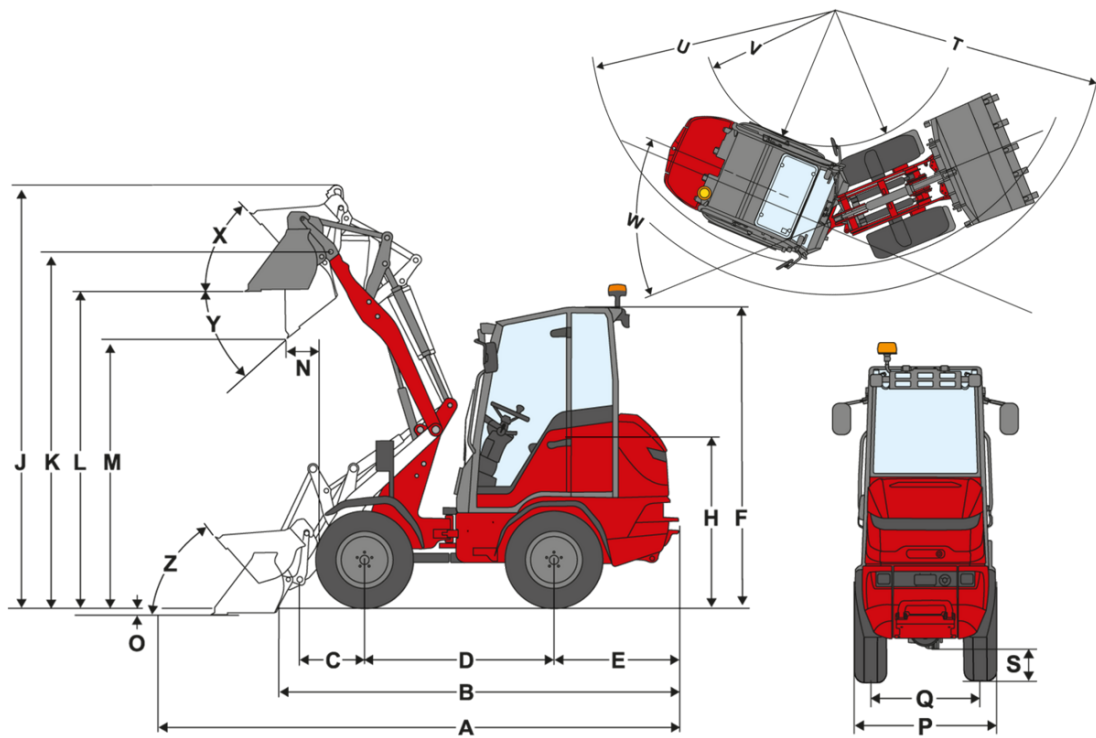
■ Standard engine data

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	-

Dimensions



P-kinematics (standard)

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
F	Height with fold-down operator's canopy, folded down (eps)	1,937 mm
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
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, EU Stage V

Tires

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

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
- 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 (automatic driving via oil motors on the axles)

Tires

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

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)

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)
- 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)