



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	1,550 - 1,750 kg
Thrust force (max.)	1,462 daN
Lift capacity (max.)	1,653 daN
Tipping load with bucket – machine straight, loading frame horizontal	670 - 900 kg
Tipping load with bucket – machine pivoted, loading frame horizontal	490 - 690 kg
Tipping load with bucket - machine straight, loading frame in lowest position	1,280 - 1,640 kg
Tipping load with bucket - machine pivoted, loading frame in lowest position	980 - 1,230 kg
Tipping load with pallet fork – machine straight, loading frame horizontal	520 - 670 kg
Tipping load with pallet fork – machine pivoted, loading frame horizontal	390 - 500 kg
Tipping load with pallet fork - machine straight, transport position	760 - 950 kg
Tipping load with pallet fork - machine pivoted, transport position	560 - 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	0-12 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 L _{WA} (operator's canopy)	99.6 dB(A)
Guaranteed sound power level L _{WA} (operator's canopy)	101 dB(A)

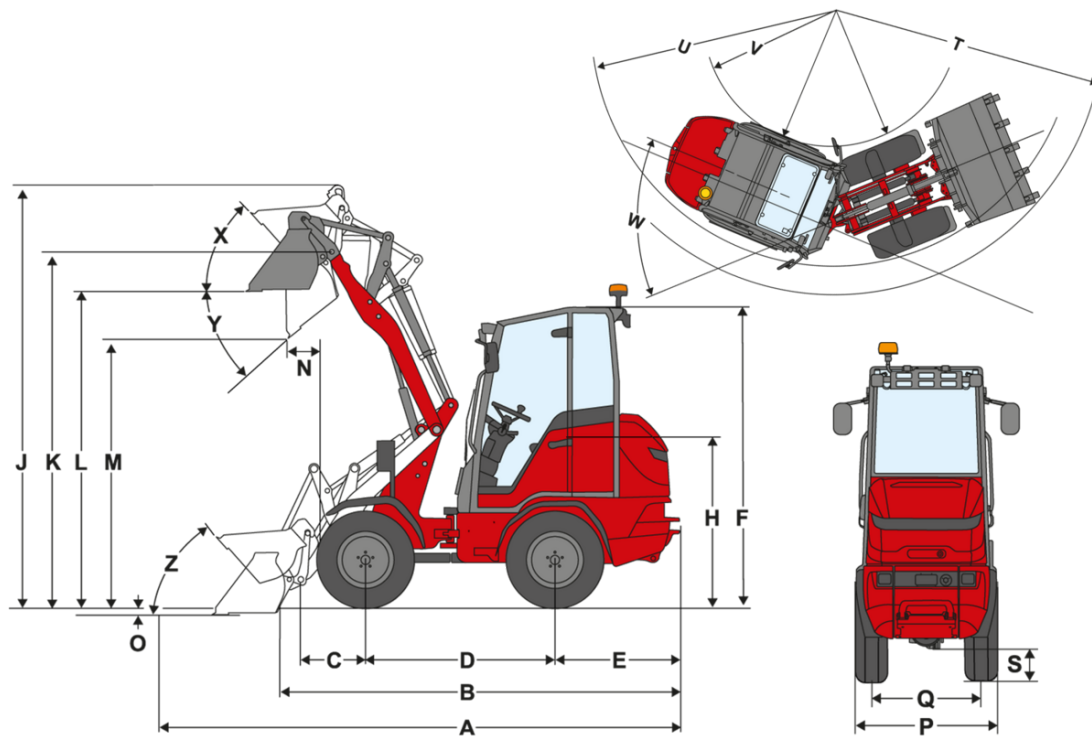
Specified sound pressure level LpA 86 dB(A)
(operator's canopy)

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 hp, stage V

Tires

- 7.00 - 12 AS ET40 incl. reversible rims

Steering system

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

Drive system

- Oil motors at the axles, driving direction selectable via gas pedal
- Service brake: Transmission drum brake acting on rear axle
- Central service and parking brake in drive train acting on all 4 wheels

Hydraulics

- 3rd Control circuit, front DN10
- Hydraulic oil cooler
- Float position for lift and tilt cylinders
- Locking device for control valve

Operator's cab

- Overhead guard with restraint system ROPS / FOPS tested
- Comfort seat with seat belt full suspension, weight, back and longitudinal adjustment, 60 mm suspension range
- Worklights 2 front and 1 rear
- Operating hours meter
- Fuel gauge

Options

Operator's cab

- Folding overhead guard eps ROPS / FOPS tested (work lights: 1 front on loading swing arm and 1 rear)
- Front and rear windshield
- Front and rear windshield with front wiper
- Steering column adjustable (inclination)

Operator's seat

- Seat; leatherette; heated seats (MSG20)
- Seat; fabric (MSG20)
- Seat; fabric; heated seats (MSG20)

Lighting

- Lighting according to StVZO
- One additional working light on the loading swing arm
- Rotating beacon (yellow), The national regulations must be observed!
- Rotating beacon (yellow) with magnetic base

StVZO – equipment

- Individual operating permit > 25 km/h
- Registration plate mounting

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

Tires and options for: Axle K75

- 26.0x12.00-12 AS ET0, tread AS, width 1070 mm
- Dual tires 7.00-12 AS front, tread AS, 1390 mm
- 27x 8.50-15 ETM ET30, tread EM, width 920 mm, width turned 1040 mm
- 27x10.50-15 EM ET-5, tread EM, width 1000 mm
- 26.0x12.00-12 RP ET0, tread RP, width 1070 mm
- Turned
- Chassis elevation (+30 mm)
- Track diffusion (2 x 15 mm)

Quick change plates

- Weidemann hydraulic
- Weidemann HV/HT - C - ECS
- Euro hydraulic
- Skid Steer hydraulic
- SMS hydraulic

Hydraulics in front

- Pressureless return in front
- 3rd Control circuit, front DN12
- 3rd Control circuit comfort, incl. single detent on lever for 3rd Control circuit (operation: Via button on joystick + tilt in and tilt out)
- 4th Control circuit comfort, incl. single detent for 3rd Control circuit (operation: Via button on joystick + tilt in and tilt out), (3rd Control circuit, front, can not be operated simultaneously)
- 4th Control circuit additionally via 4-way valve, incl. double detent (operation: Via separate lever)
- Quick coupling Faster 4-fold - machine side
- Quick coupling Faster 4-fold - attachment side
- Single detent for control lever
- Double detent for control lever
- Lowering brake valve (pipe breakage protection lifting and tipping cylinder)

Hydraulics in rear

- Additional single-acting rear hydraulic connection (operation: Via lever for 3rd control circuit)

Bio-hydraulic oil

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

Electrical connections in front

- Socket at front 3-pin for simple function (Operation: Via switch (0 - 1) in the steering column)
- Front socket 3-pin for double function (operation: Via switch (1 - 0 - 2) in the steering column)

Additional weight

- Ballast weight rear mounted (96 kg)

Safety options

- Reversing warning device (acoustic)
- Lockable fuel tank cap
- Lowering brake valve (pipe breakage protection lifting and tipping cylinder)

Other

- Battery isolator switch fixed outside
- Hand lever grease press
- Combination box (for combination envelope)
- 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)

*The offers regarding the warranty extension in Germany are currently being revised - more information will follow as quickly as possible.

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 (incl. App & Manager)