



1140 Basic Line

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 cm³
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 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
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, profile AS, width 850 mm (incl. reversible rims)

Steering system

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

Drive system & Axles

- 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
- Float position for lift and tilt cylinders
- Locking device for control valve

Operator's cab

- Overhead guard with restraint system ROPS / FOPS tested
- Operating hours meter
- Fuel gauge

Operator's seat

- Leatherette seat (SC47)

Quick change plates

- Weidemann mechanical

Options

Operator's cab

- Folding overhead guard eps ROPS / FOPS tested
- Steering column adjustable (inclination)
- Rear view mirror (left and right)

Lighting

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

Drive system & Axles

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

Tires

Axle: K75

- 26.0x12.00-12 AS ET0, tread AS, width 1070 mm
- Dual tires 7.00-12 AS front, tread AS, width 1390 mm
- 27x 8.50-15 EM ET30, tread EM, width 920 mm
- 27x10.50-15 EM ET-5, tread EM, width 1000 mm
- 26.0x12.00-12 RP ET0, tread RP, width 1070 mm
- Track diffusion (+2x15 mm)

Quick change plates

- Weidemann hydraulic
- Weidemann HV/HT - C - ECS
- Euro hydraulic

Hydraulics in front

- 3rd Control circuit comfort, incl. single detent on lever for 3rd Control circuit (operation: Via button on joystick + tilt in and tilt out)
- Hydraulic oil cooler
- Single detent for control lever

Additional weight

- Ballast weight rear mounted (96 kg)

EquipCare (telematics)

- EquipCare 36 months (incl. App & Manager)

Other

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.