



## 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 <sup>3</sup>
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 L <sub>WA</sub> (operator's canopy)	99.6 dB(A)
Guaranteed sound power level L <sub>WA</sub> (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
<b>A</b>	Total length	3,706 mm
<b>B</b>	Total length without bucket	2,733 mm
<b>C</b>	Bucket pivot point (to center of axle)	496 mm
<b>D</b>	Wheel base	1,345 mm
<b>E</b>	Rear overhang	779 mm
<b>F</b>	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	
<b>H</b>	Seat height	1,142 mm
<b>J</b>	Total working height	3,415 mm
<b>K</b>	Bucket pivot point (max. lift height)	2,734 mm
<b>L</b>	Load-over height	2,405 mm
<b>M</b>	Dumping height	1,807 mm
<b>N</b>	Reach (at M)	550 mm
<b>O</b>	Digging depth	113 mm
<b>P</b>	Total width	850 mm
<b>Q</b>	Track width	660 mm
<b>S</b>	Ground clearance	
<b>T</b>	Maximum radius	2,140 mm
<b>U</b>	Radius on the outer edge	1,570 mm
<b>V</b>	Inner radius	600 mm
<b>W</b>	Articulation angle	55 °
<b>X</b>	Rollback angle at max. lift height	50 °
<b>Y</b>	Dumping angle	39 °
<b>Z</b>	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

### Operator's seat

- Fully damped comfort seat with safety belt, weight, back and height adjustment

### Loading system

- Loading system LS945
- Quickhitch facility (Weidemann) mechanical
- Kinematics: P
- Lift cylinder: 2
- Tipping cylinder: 1
- Floating position for lift and tilting cylinders

### Lighting

- LED Basic work lights (1000 lm) on roof, 2 front, 1 rear

## 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

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.

## **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

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- 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 (incl. App & Manager)