



1290e Hoftrac

Technical Data

■ Standard battery

Battery technology	Lithium-ion
Battery voltage class	48 V
Battery capacity	14.1 kWh
Battery weight	132 kg
On-board charging capacity (max.)	3 kW
Loading time (0-100%)	4 - 6* h
Loading time (20-80%)	2,9* h
Running time up to	3,0** h

■ Battery Option 1

Battery technology	Lithium-ion
Battery voltage class	48 V
Battery capacity	18.7 kWh
Battery weight	148 kg
On-board charging capacity (max.)	6 kW
Loading time (0-100%)	3 - 8* h
Loading time (20-80%)	1,9* h
Running time up to	4,6** h

■ Battery Option 2

Battery technology	Lithium-ion
Battery voltage class	48 V
Battery capacity	23.4 kWh
Battery weight	165 kg
On-board charging capacity (max.)	6 kW
Loading time (0-100%)	4 - 10* h
Loading time (20-80%)	2,4* h
Running time up to	6,6** h

■ Electric motor

Motor traction drive (EN60034-1)	6,5 kW
Motor work hydraulics (EN60034-1)	8.5 kW

■ Electrical system

Operating voltage	12 V
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■ Weights

Operating weight	2,340 - 2,600 kg
Thrust force (max.)	2,703 - 2,716 daN
Lift capacity (max.)	2,322 - 2,688 daN
Tipping load with bucket – machine straight, loading frame horizontal	1,430 - 1,780 kg
Tipping load with bucket – machine pivoted, loading frame horizontal	1,200 - 1,480 kg
Tipping load with bucket - machine straight, loading frame in lowest position	2,030 - 2,860 kg
Tipping load with bucket - machine pivoted, loading frame in lowest position	1,720 - 2,400 kg
Tipping load with pallet fork – machine straight, loading frame horizontal	1,140 - 1,390 kg
Tipping load with pallet fork – machine pivoted, loading frame horizontal	950 - 1,150 kg
Tipping load with pallet fork - machine straight, transport position	1,330 - 1,680 kg
Tipping load with pallet fork - machine pivoted, transport position	1,120 - 1,410 kg

■ Driver's cab

Driver's cab	FSD (eps, cabin)
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■ Filling levels

Tank capacity for hydraulic oil	20 l
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■ Drive system

Type of drive	Electrical
drive unit	universal joint shaft
Speed levels	1
Axle	T80
Travel speed Standard	0-15 km/h
Operating brake	Drum brake acting on all four wheels
Parking brake	Electrical

■ Hydraulic system

Work hydraulics discharge volume (max.)	36 l/min
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Work hydraulics working pressure (max.) 225 bar

■ Kinematics

Kinematics type	P
Lifting cylinder	1
Tipping cylinder	1
Quick change system	hydraulic

■ Steering

Steering type	hydraulically activated articulated pendulum steering
Steering cylinder	1
Oscillating angle	± 10 degree

■ Noise characteristic values

Average sound power level LwA (operator's canopy)	82.9 dB(A)
Guaranteed sound power level LwA (operator's canopy)	85 dB(A)

Specified sound pressure level LpA (operator's canopy)	68 dB(A)
Average sound power level LwA (cabin)	82.9 dB(A)
Guaranteed sound power level LwA (cabin)	85 dB(A)
Specified sound pressure level LpA (cabin)	70 dB(A)

■ Other information

FSD = operator's canopy
eps = Easy Protection System (fold-down operator's canopy)
Tipping load calculation according to ISO 14397
*The charging time is dependent on the different charging options. On-board battery charger 3 kW (standard), with additional on-board battery charger total 6 kW (option). The following charging plug options are available: 230 V / 10 A Schuko, 230 V / 16 A CEE (blue, 3-pole), 400 V / 16 A CEE (red, three-phase AC current, 5-pole), 400 V / 16 A (Type 2 plug wall box, IEC 62196), and other adapter plugs.
** The running times of the battery are dependent on the respective application conditions, the task, and the driving style. This may also mean that a longer running time can be achieved. The specified running times may also be undercut in extreme cases. The specified running times refer to uninterrupted operation and work with the machine.

Dimensions



	Standard components	255 / 75-15.3 StarcoAS-Du. ET-10	255 / 75-15.3 StarcoAS-Du. ET-10
A	Total length	4,015 mm	4,252 mm
B	Total length without bucket	3,283 mm	3,545 mm
C	Bucket pivot point (to center of axle)	578 mm	816 mm
D	Wheel base	1,620 mm	1,620 mm
E	Rear overhang	971 mm	971 mm
F	Height with operator's canopy fixed	2,289 mm	2,289 mm
	Height with fold-down operator's canopy, folded down (eps)	1,970 mm	1,970 mm
	Height with fold-down operator's canopy (eps)	2,366 mm	2,366 mm
	Height with cab	2,331 mm	2,331 mm
H	Seat height	1,322 mm	1,322 mm
J	Total working height	3,428 mm	3,693 mm
K	Bucket pivot point (max. lift height)	2,838 mm	3,103 mm
L	Load-over height	2,543 mm	2,808 mm
M	Dumping height	2,052 mm	2,317 mm
N	Reach (at M)	305 mm	175 mm
O	Digging depth	69 mm	63 mm
P	Total width	1,080 mm	1,080 mm
Q	Track width	824 mm	824 mm
S	Ground clearance	249 mm	249 mm
T	Maximum radius	2,851 mm	2,970 mm
U	Radius on the outer edge	2,524 mm	2,524 mm
V	Inner radius	1,413 mm	1,413 mm
W	Articulation angle	45 °	45 °
X	Rollback angle at max. lift height	45 °	47 °
Y	Dumping angle	42 °	42 °
Z	Rollback angle on ground	47 °	46 °

Standard components

Drive system & Battery

- Battery Li-Ion 14.1 kWh 48V

Steering system

- Hydraulically activated articulated pendulum steering
- Steering cylinder: 1

Operator's cab

- Overhead guard with restraint system ROPS / FOPS tested
- Generous space in all operator compartments
- Adjustable steering column
- Modern, ergonomically shaped joystick
- Generous entrance
- Interior rear view mirror

Operator's seat

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

Lighting

- LED work lights, 2 front, 1 back on the operator's canopy

Drive system & Axles

- Axis: T80
- Drive: Electric drive, energy recovery on braking, direction of travel can be selected by joystick, Auto / Eco Mode
- Battery: incl. Battery pre-heating, charging time 20% to 90% SOC 4 hrs., Charge release switch
- Speed: 15 km/h
- Driving position: 1
- Operating brake: Drum brake effective on all four wheels
- Parking brake: Electric parking brake with hill-hold function (while at standstill on a mountain, the electric motor holds the machine)

Tires

- 255 / 75 - 15.3 Starco AS Dumper II

Loading system

- LS962 swing arm
- Quick change device (Weidemann HV/HT - C) hydraulic
- Kinematics: P
- Lifting cylinder: 1
- Tilting cylinder: 1
- Floating position for lift and tilt cylinders

Hydraulics

- Mechanically pre-controlled joystick with direction switch
- 3. Front control circuit via lever incl. notch

EquipCare (telematics)

- EquipCare 36 months (incl. App & Manager)

Options

Operator's cab

- Folding overhead guard eps ROPS / FOPS tested
- Cab 2-piece doors incl. heating and windshield heating
- Windshield and rear window incl. windshield wiper
- Rear-view mirror (left and right)
- Cabin heating comfort
- Roof heating panel
- DAB radio preparation (aerial, loudspeaker)
- Radio DAB complete
- Socket outlet 3-pin 12V

Operator's seat

- Seat artificial leather
- Seat artificial leather; Air suspension
- Seat artificial leather; Air suspension; Seat heating
- Seat fabric (Standard in cabin)
- Seat fabric
- Seat fabric; Air suspension
- Seat fabric; Air suspension; Seat heating

Lighting

- Lighting according to StVZO
- LED lighting according to StVZO (width of lighting outside: 1,050 mm)
- LED Performance worklights (2,000 lm) on the roof, 2 at the front, 2 at the rear
- Rotating beacon LED (amber), The national regulations must be observed!
- Rotating beacon (amber) with magnetic base, The national regulations must be observed!

Approval & Road traffic

- Individual type approval &
- License plate holder front and rear
- Triangular warning sign

Tires

- 400/50-15 StarcoAS dump. ET-50, AS profile, width 1,284 mm, height 2,291 mm
- 240/70R16 Petlas TA110 ET22, Profile AS, width 1,004 mm, height 2,272 mm
- 31x15.5-15 BKT SkidPower ET-60, Profile EM, width 1,324 mm, height 2,297 mm
- 400/50-15 StarcoTurf Tech ET-50, Profile RP, width 1,289 mm, height 2,290 mm
- 315/55 R16 Continental MPT81 ET-30, Profile MPT, width 1,179 mm, height 2,276 mm

Loading system

- LS963 loading system (3,103 mm)
- Lowering brake valve (pipe rupture protection for lift and tilt cylinders)
- Swing arm damping
- Bucket level indicator

Quick change plates

- Weidemann HV/HT - C - ECS (hydraulic - easy coupler system)
- Euro (hydraulic - ISO23206 EURO HV) (incl. two SVK size 3 couplings)
- SMS HV (hydraulic)

Hydraulics

- Oil quantity adjustment 3. Steering committee
- Shell Panolin HLP Synt46 (biohydraulic oil)

Hydraulics in front

- 3. Comfort control circuit, incl. single detent on lever for 3rd control circuit. Control circuit, Operation: Via button on the joystick tipping in and tipping out
- Pressureless front return (1 x flat face size 3, plug) incl. leakage oil line (1 x flat face size 2, plug)

Hydraulics in rear

- Rear hydraulic connection double-acting via switch valve (two couplings SVK Gr. 3), (3rd control circuit front or rear), Operation: Via switch (0 - 1) + 3rd control circuit
- Pressure-less return flow rear (1 x SVK Gr. 3, plug)

Electrical system

- Battery Li-Ion 18.7 kWh 48V
- Battery Li-Ion 23.4 kWh 48V
- Onboard charger up to 6 kW (AC)

Type 2 charging connection cable on the machine side (multiple selection possible)

- Earthing contact mains plug (Schuko) 230V/16A, Preselected, Can be deselected if no charging cable or another charging cable is required
- CEE, 3-pole 230V/16A (blue)
- CEE, 5-pole 400V/16A (red)
- Type 2 (IEC 62196)
- Adapter set EU (Schuko, CEE 3-pin, CEE 5-pin)

Battery charge release

- Load release lockable

Electrical connections in front

- 13-pin front socket, (2x electrical functions E1/ E2 and lighting), Operation: Via 2 buttons on the joystick Function keying, 2. Function latching
- 13-pin front socket, (2x electrical functions E1/ E2 and lighting), Operation: Via 2 buttons on the joystick Function latching, 2. Function keying
- 13-pin front socket, (2x electrical functions E1/ E2 and lighting), Operation: Via 2 buttons on the joystick Function keying, 2. Function keying
- 13-pin front socket, (2x electrical functions E1/ E2 and lighting), Operation: Via 2 buttons on the joystick Function latching, 2. Function latching
- Additional control in 13-pin socket at the front, (2x electrical functions E3 / E4), Operation: Via 1 switch in console Function latching, 2. Function latching

Electrical connections in rear

- Rear socket 7-pole for lighting of rear attachments

Safety options

- Reversing warning device (acoustic)
- Blue Safety Light rear

Custom-made paint finish

- Special painting RAL single color - instead of Weidemann red
- Special painting RAL multicolored

Other

- Multifunction rear mounting plate, For use with small salt spreader
- Tool box incl. tool set
- Combination bag (warning triangle / first aid kit)
- Combi box (for combi bag)

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)