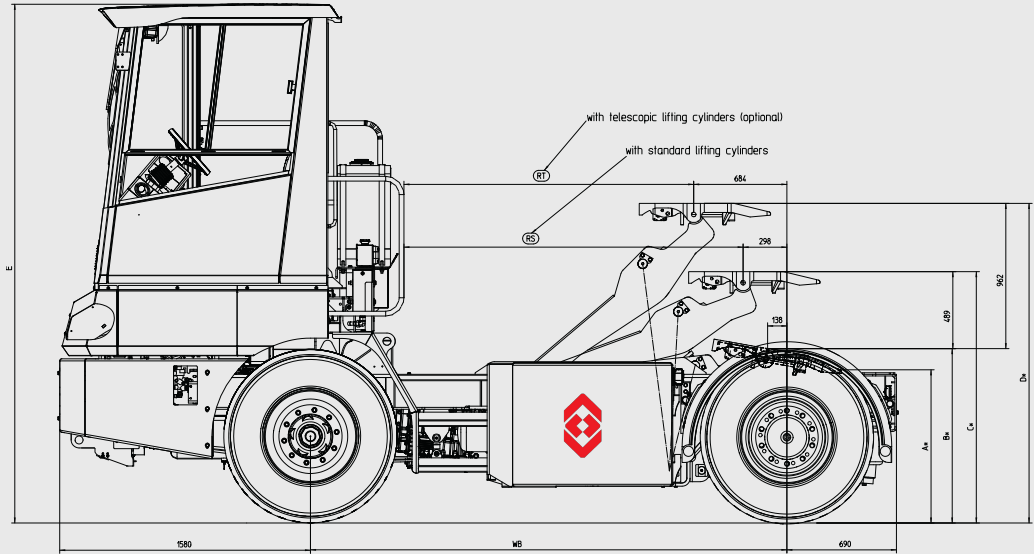


**T 230e**



Tyres	295/60 R 22,5	310/80 R 22,5	11 R 22,5		T 230e	T 225 De	
A	860 mm	940 mm	950 mm	The values A-D may be reduced by 50 mm in the case of lowered air suspension on the rear axle. The value B can be increased by 25 mm with rubber mudguards.	<b>Wheelbase</b>	3.000 mm	3.500 mm
B	1.020 mm	1.130 mm	1.135 mm		<b>Total length</b>	5.270 mm	5.770 mm
C	1.560 mm	1.630 mm	1.640 mm		<b>King-pin to cab RT</b>	1.825 mm	2.325 mm
D	2.030 mm	2.100 mm	2.105 mm		<b>King-pin to cab RS</b>	2.137 mm	2.637 mm
E	3.190 mm	3.270 mm	3.275 mm		<b>Turning Radius</b>	6.860 mm	7.400 mm

Technical data subject to change without notice 326,005,0026

**Drive system**

**Vehicle drive motor:**  
Water-cooled general-purpose electric motor  
Rated output: 204 kW  
Max. output: 300 kW  
Rated torque: 737 Nm  
Torque: 1185 Nm (limited)

**Hydraulic pump engine**

Water-cooled general-purpose electric motor  
Rated output: 39 kW  
Rated torque: 134 Nm

**Air compressor**

**Electrically powered compressor**  
Water-cooled compressor  
Air compressor: 350 cm<sup>3</sup>  
Max. working pressure: P=10bar

**Batteries**

**Battery pack, 2x lithium-ion batteries**  
Rated voltage: 422 V  
Battery capacity: 420 Ah  
Energy: 177 kWh

**DC charging**

Max. charging capacity: 150 kW (DC),  
with combined charging system CCS 2.0

**Option**

On-board battery charger AC  
Max. charging capacity: 21 kW (AC),  
with combined charging system CCS 2.0

**Cooling system**

Two-section radiators:  
Water-to-air cooler for the cooling water for HV components  
Oil-to-air gearbox oil cooler

**Gearbox**

**ALLISON** automatic gearbox, type 3000P  
Gear ratios: 3.5 / 1.9 / 1.4 / 1.0 / R5.0 with hydrodynamic torque converter and converter clutch  
Motor-dependent pump drive  
Gears: 4 forward, 1 reverse, neutral, electrohydraulic shifting with automatic logic, manual gear selection possible

**Option**

5 gears with MEM<sup>®</sup> (MAFI Eco Mode)



## Dead weight

Approx. 9400 kg

## Front axle (not driven)

Volvo, max. permissible axle load 13 t, perm. axle load 11 t at 20 km/h<sup>\*1</sup>  
Suspension: parabolic steel springs, including hydraulic shock absorbers, hydrostatic power steering with load-sensing priority valve

## Rear axle (driven)

Kessler, PL378 max. permissible axle load 40 t, perm. axle load 30 t at 20 km/h<sup>\*1</sup>  
Axle drive ratio:  $i = 12.73$ , with differential lock

### Option

Air suspension up to 14 t  
Kessler, PL478 max. permissible axle load 50 t, perm. axle load 35 t at 20 km/h<sup>\*1</sup>

## Wheels and tyres

6 steel disc wheels, 10-hole rim 22.5 x 8.25 with tapered bead-seat radial tyres 11 R 22.5 with wheel guard ring at front

<sup>\*1</sup> Actual axle load depends on the tyre load capacity

## Steering system

Fully hydraulic Orbitrol steering system with priority valve and emergency steering capability; steering wheel diameter 380 mm

## Brake system

Brake system with air dryer, based on EC regulations as dual-circuit brake system with dual-line trailer brake connection  
Spring-loaded parking brake  
3 separate circuits for front axle, rear axle and parking brake on rear axle  
Brake pressure 10 bar  
Air tanks 3x 30 l

## Vehicle frame

Welded steel frame  
Colour RAL 7024 (graphite grey), paint coat 120 µm  
All walk-on surfaces coated with non-slip paint  
Tow-bar coupling at front with coupling pin for eye diameter 40 mm  
Tow-bar coupling at rear for all common eye diameters 40 mm  
Coupling pin at front/rear  
Steps integrated into the frame with non-slip profile  
Wheelbase 3,000 mm

### Option

Long wheelbase 3,500 mm

## Fifth-wheel boom

Fifth wheel Eurohitch 2 FW 3510-TR for 36,000 kg  
Locking released via pneumatic remote safety release  
Single-acting or double-acting lifting cylinder with 500 mm stroke or optional 1,000 mm stroke

## Hydraulic system

Hydraulic oil reservoir: 90 l, installed behind the cab, with integral 16 µm return filter  
High-performance cast-iron gear pump  
Operating pressure: 250 bar

## Electrical system

DC system, operating voltage 24 V  
Two maintenance-free, high-performance on-board batteries 12V / 95Ah, with battery disconnect switch  
Central electrical unit protected in the cab, easily accessible  
7-pin trailer socket behind the cab  
Vehicle horn

## Lights

Two LED headlights (daytime running/dipped-full beam) at front, with integral turn indicators  
LED brake lights, turn indicators, tail lamps and reversing lights  
LED rotating beacon

### Option

various working lights

## Driver's cab

Left-/right-hand drive  
EDP paint coat (electrophoretically deposited paint)  
Cab constructed from sheet steel with safety tubular frame  
ROPS and FOPS certified (to ISO 3471 / SAE J11040)  
Large tilt angle (55°) by means of double-acting hydraulic cylinder and safety hand pump  
Vibration-isolation bearing with integral hydraulic suspension and shock absorber  
Safety-glass side door, access via non-slip platform  
All panes made from tinted safety glass  
Front and rear windscreen made from laminated safety glass  
Horizontal-sliding window on the driver's side  
Parallelogram windscreen wipers with two-speed interval  
Windscreen washing system for front windscreen  
Handrails on the back of the cab  
Outside mirrors mounted on cab, adjustable outside mirrors on left and right; right outside mirror can be telescoped  
Paint: colour RAL 9010 (pure white)

## Interior fittings

Reading lamp, ashtray, coat hook, storage compartment  
High-performance cab heating via separate heating circuit  
High-performance 4-speed fan for outside air/circulating air  
Panoramic inside rear mirror  
Non-slipper rubber floor mat  
Comfortable driver's seat, with adjustable height, length and inclination, air suspension  
Steering wheel, adjustable height and inclination

### Option

Air conditioning, parking heater

## Controls

Cab switches, combined lever for turn indicators, parking lights and dipped beam, two-speed interval windscreen wipers, windscreen washing, horn, joystick for raising/lowering the fifth-wheel boom

Toggle switches or push-buttons: daytime running/dipped-full beam headlights, rotating beacon, working lights at front and/or rear, parking brake, safety release for fifth wheel, hazard lights

Multifunctional colour display with the following information: driving speed in km/h and mph, coolant level and temperature in °C and °F, brake pressures in circuits 1-3, parking brake, HV battery charge display, regeneration display, operating voltage, hours of operation and maintenance cycle, charge indicator, gear ranges, gear speed, differential lock, gearbox oil pressure and temperature, converter temperature, turn indicator lights, motor and gearbox diagnostic codes, fifth wheel lock, fifth wheel load

\* Optional

Further options are available upon request  
Subject to technical changes