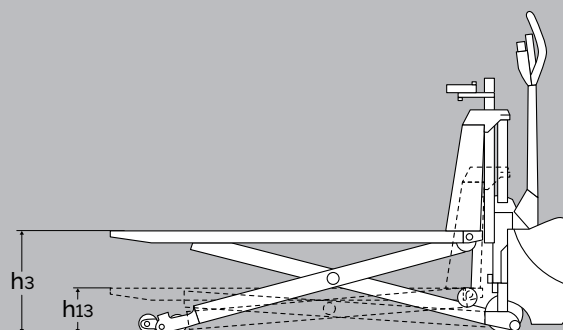
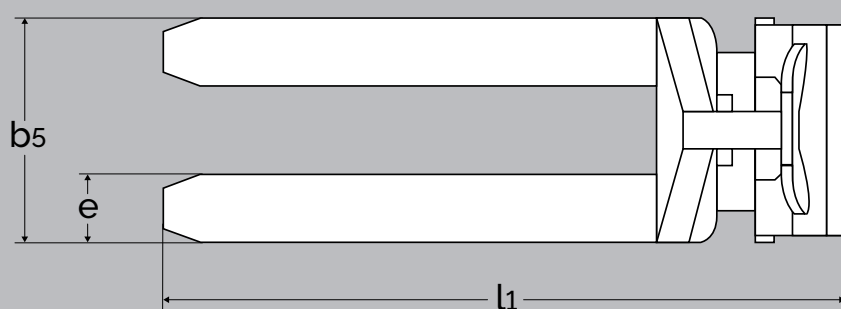
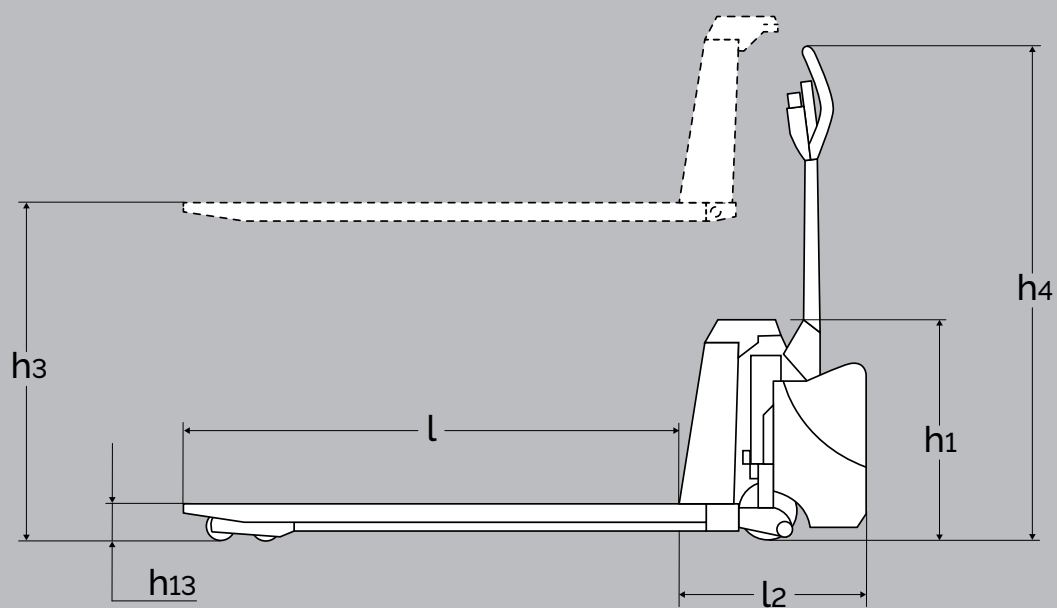


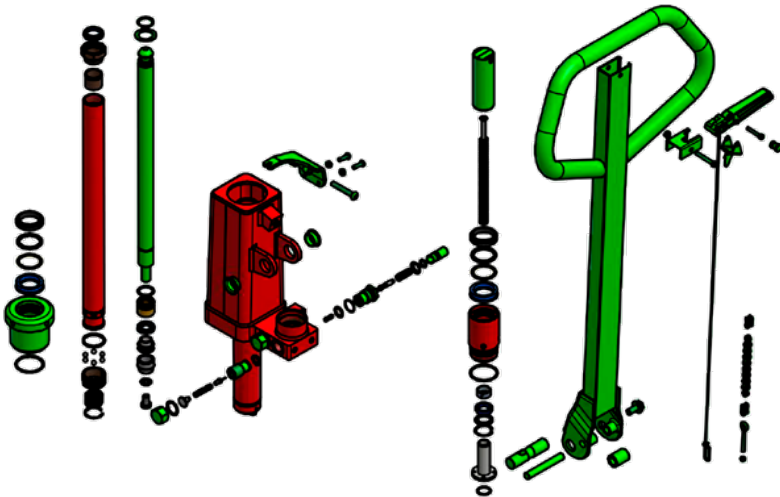
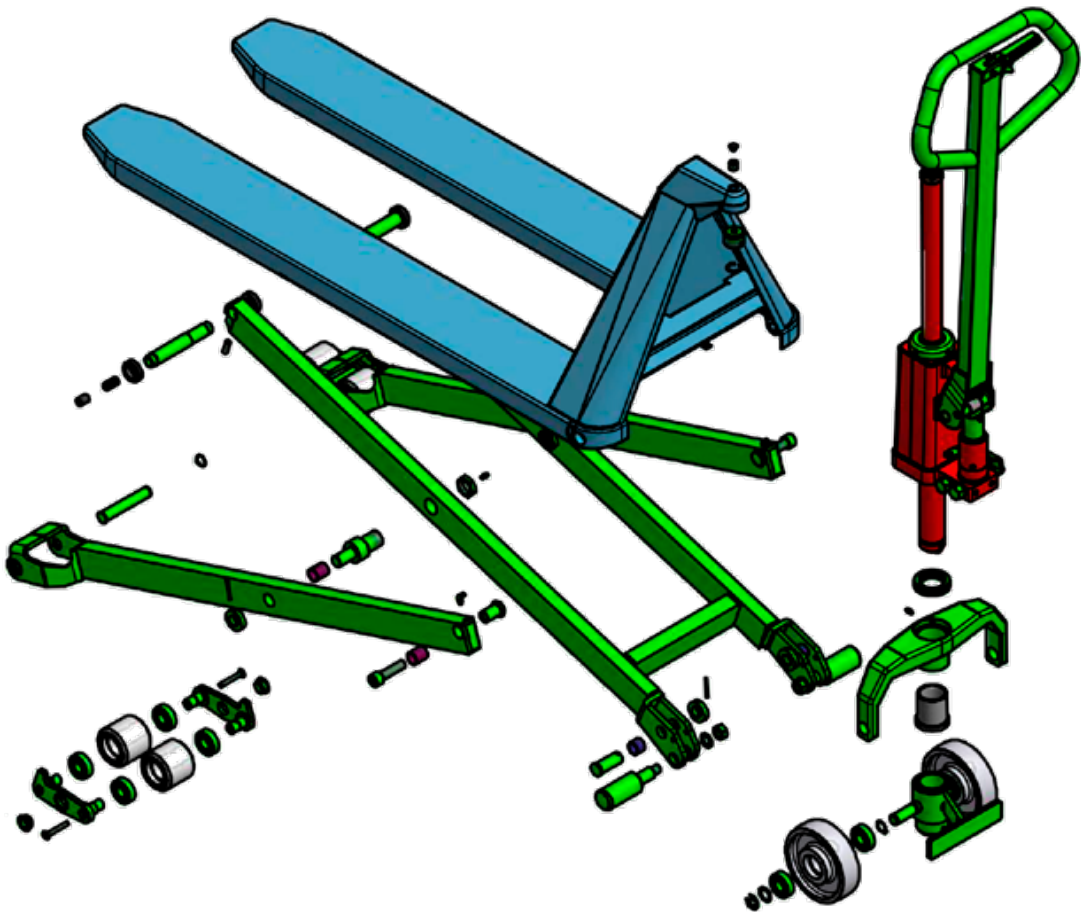


Electric highlifter with level control

PRODUCT (measured in mm)		MANUAL HIGHLIFTER INOX PLUS (HLIP)	MANUAL HIGHLIFTER INOX (HLI)	MANUAL HIGHLIFTER (EX)	ELECTRIC HIGHLIFTER INOX PLUS (EHLIP)	ELECTRIC HIGHLIFTER INOX (EHLI)
Capacity in kg		1500*				
Lifting height	h_3	800				
Fork length	l	1200				
Overall height	h_1	540				
Fork span	b_5	540, 680				
Length without forks	l_2	340	340	340	445	445
Overall length	l_1	1580	1580	1580	1645	1645
Overall height with handle	h_4	1220	1220	1220	1240	1240
Lowered height	h_{13}	90				
Fork width	e	163				
Turning angle of the wheels		210°	210°	210°	180°	180°
Gangway	A_{st}	1830 (pallet: 1200x800)	1830 (pallet: 1200x800)	1830 (pallet: 1200x800)	1890 (pallet: 1200x800)	1890 (pallet: 1200x800)
Lifting speed with/without load					0,05/0,08 m/s	0,05/0,08 m/s
Lifting speed normal/quick		10/35 mm pr pump	10/35 mm pr pump	10/35 mm pr pump		
Lowering speed		Without load 0,093 m/s	Without load 0,093 m/s	Without load 0,093 m/s	With / without load: 0,07/0,05 m/s	With / without load: 0,07/0,05 m/s
Pump motor					1,2 kW 12 V	1,2 kW 12 V
Weight with 1140 mm forks		125 kg	125 kg	125 kg	132 kg	132 kg

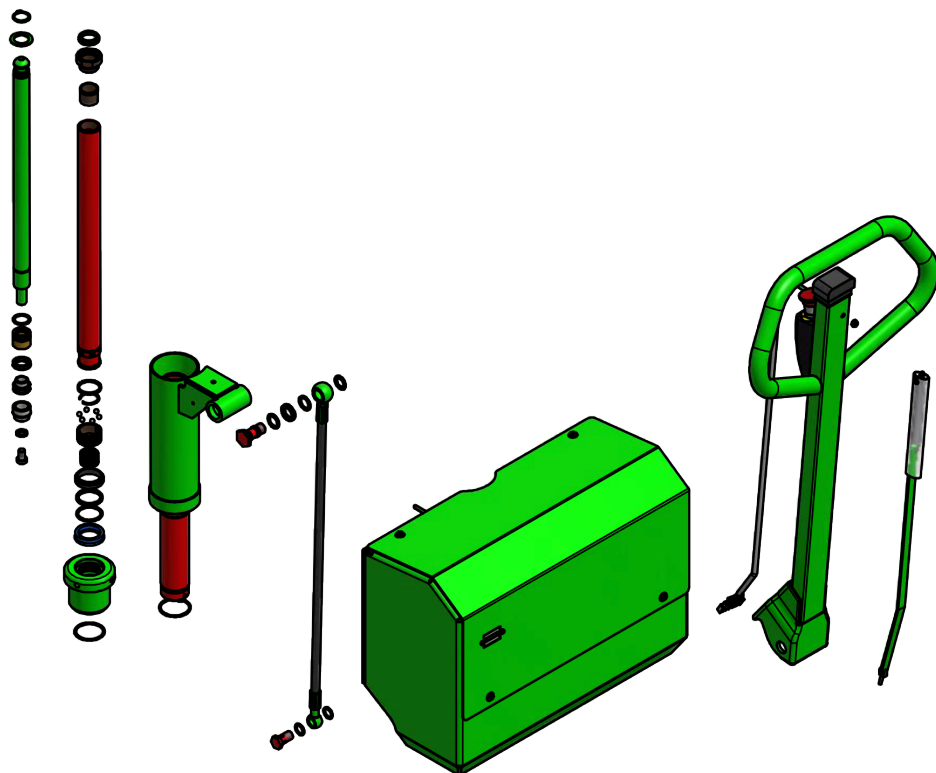
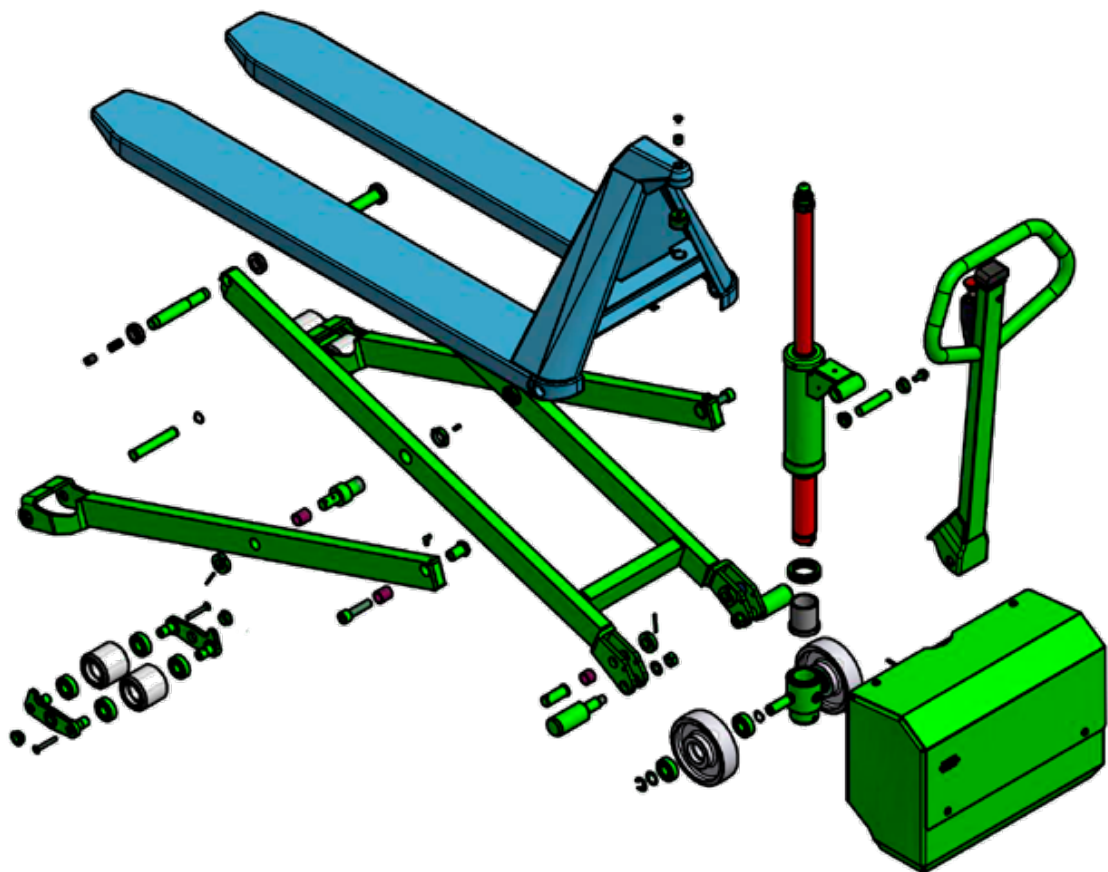
* The capacity changes from 1500 to 1000 kg at the lifting height 470 mm.

PRODUCT (measured in mm)		HIGHLIFTER
Level control type		LC4
Detection range of photocell		100-2000 (adjustable)
Working height of photocell		490-970 (adjustable)
Reaction time of photocell		1-25 seconds (adjustable)
Turnable photocell		+/- 30°
Lifting height activated level control	h_3	800
Lowered height activated level control	h_{13}	200



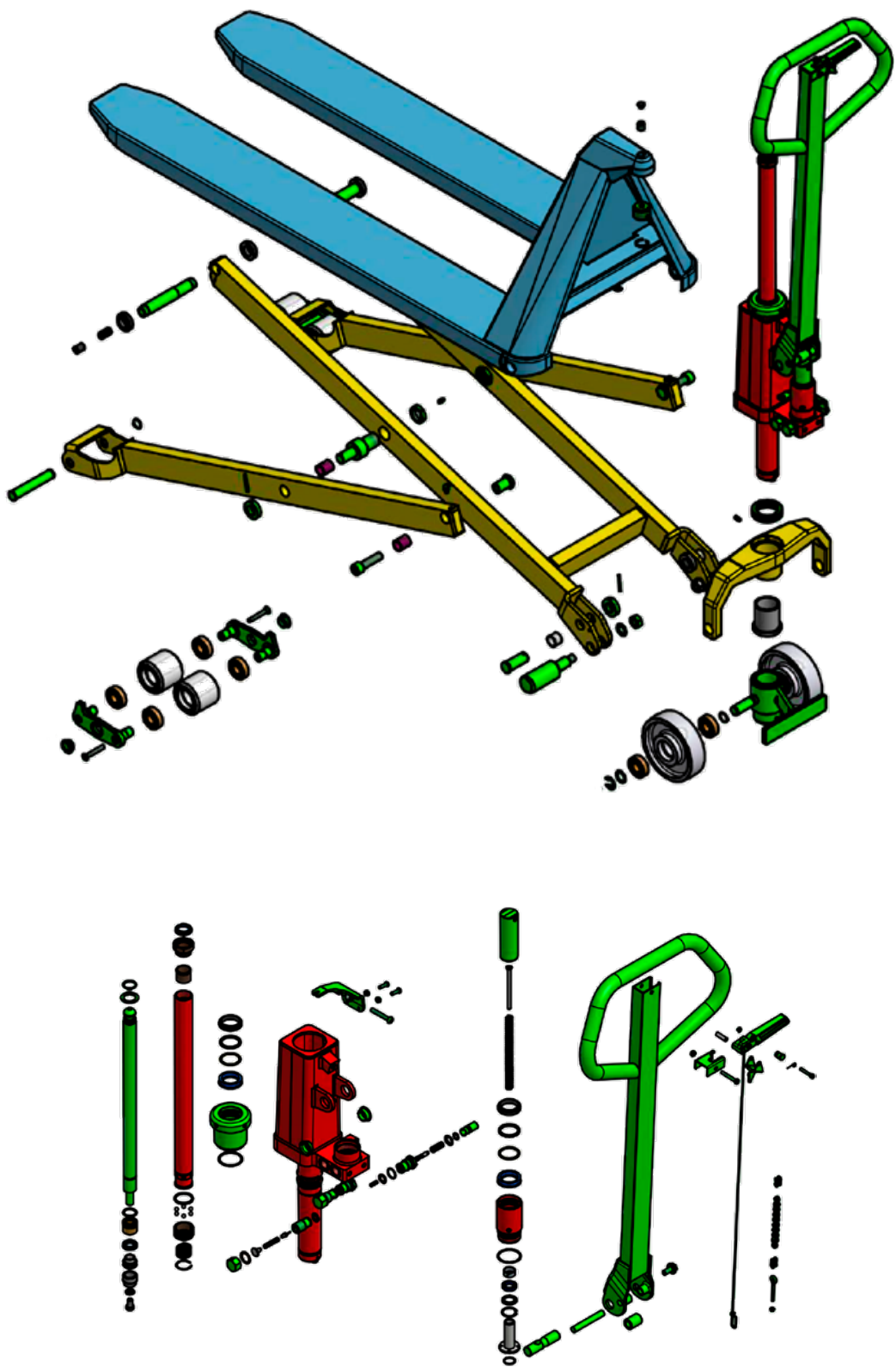
						
Acid-resistant steel	Stainless steel	Zinc-iron black passivating + sealer*	Zinc-iron silver passivating + sealer*	Rubber sealed bearings	Bronze	Painted 130-150 µm
EN 14404 (AISI 316L) EN 14460 (AISI 329)	EN 14305 (AISI 303) EN 14301 (AISI 304)	Fe//ZnFeX//Fn//T2	Fe//ZnFeX//Cn//T2			

*chromated



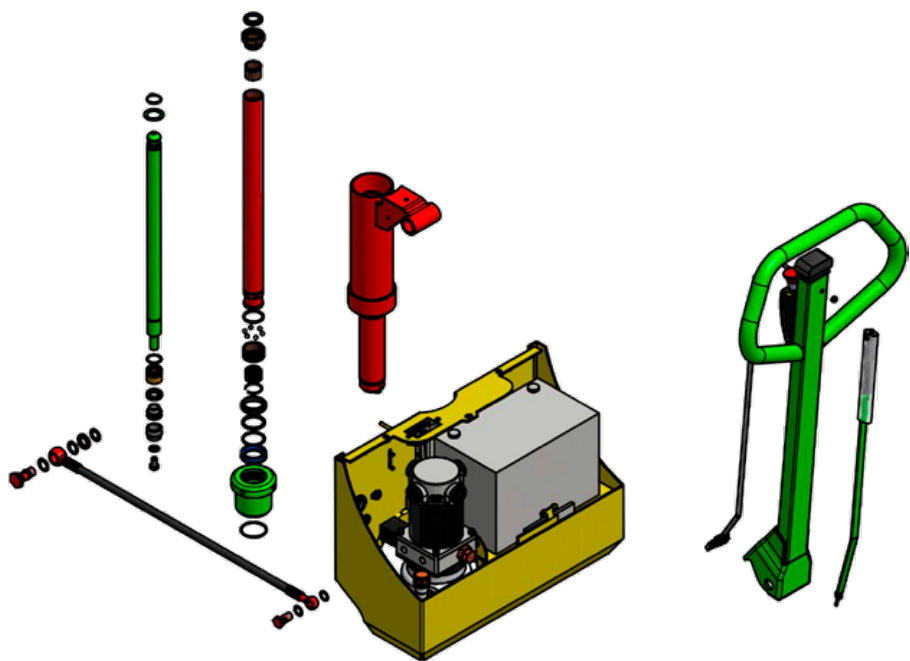
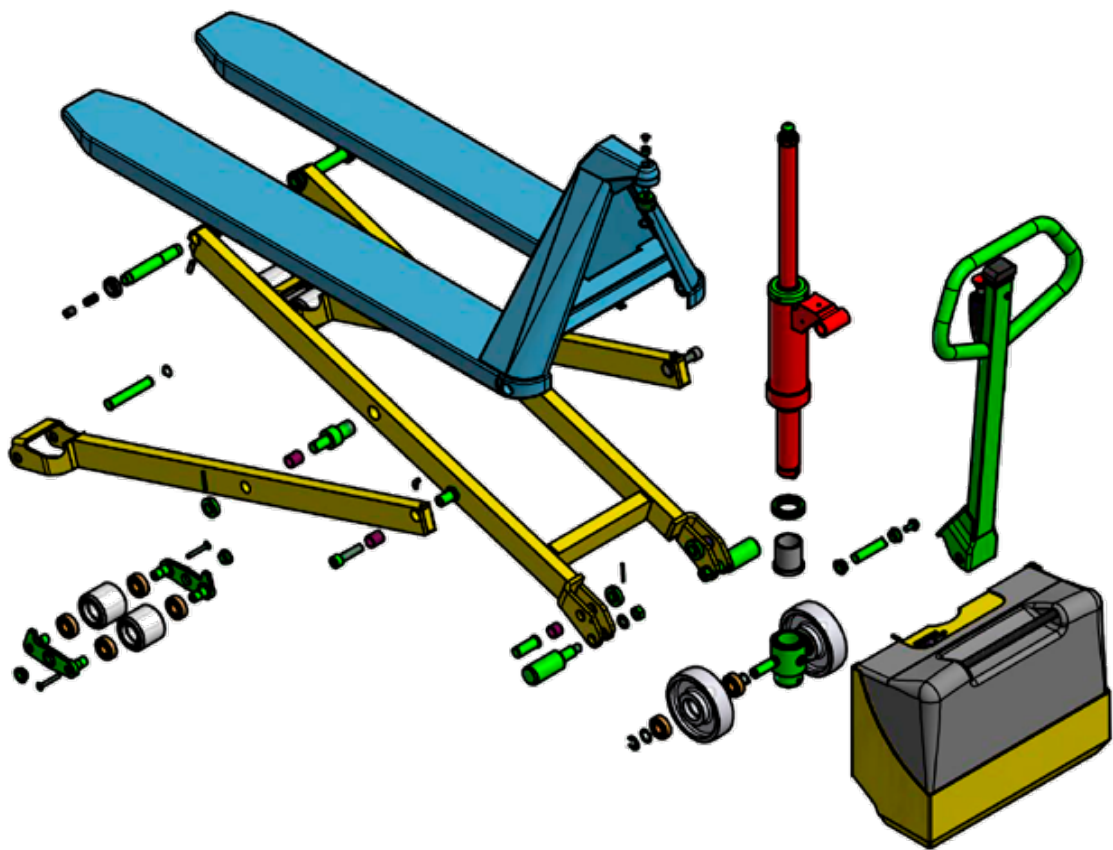
						
Acid-resistant steel	Stainless steel	Zinc-iron black passivating + sealer*	Zinc-iron silver passivating + sealer*	Rubber sealed bearings	Bronze	Painted 130-150 µm
EN 14404 (AISI 316L) EN 14460 (AISI 329)	EN 14305 (AISI 303) EN 14301 (AISI 304)	Fe//ZnFeX//Fn//T2	Fe//ZnFeX//Cn//T2			

*chromated



						
Acid-resistant steel	Stainless steel	Zinc-iron black passivating + sealer*	Zinc-iron silver passivating + sealer*	Rubber sealed bearings	Bronze	Painted 130-150 µm
EN 14404 (AISI 316L) EN 14460 (AISI 329)	EN 14305 (AISI 303) EN 14301 (AISI 304)	Fe//ZnFeX//Fn//T2	Fe//ZnFeX//Cn//T2			

*chromated



						
Acid-resistant steel	Stainless steel	Zinc-iron black passivating + sealer*	Zinc-iron silver passivating + sealer*	Rubber sealed bearings	Bronze	Painted 130-150 µm
EN 14404 (AISI 316L) EN 14460 (AISI 329)	EN 14305 (AISI 303) EN 14301 (AISI 304)	Fe//ZnFeX//Fn//T2	Fe//ZnFeX//Cn//T2			

*chromated

Trucks for explosive atmospheres

Technical specifications

The pallet **trucks, highlifters** and stackers in a special version are approved for operations in explosive atmospheres.

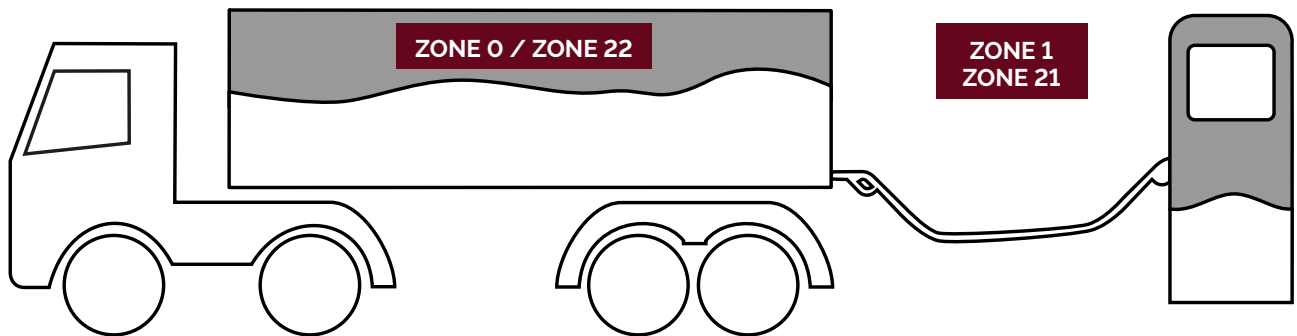
The trucks are manufactured in conformance with the ATEX directive no. 2014/34/EC and relevant standards. The manual trucks, used in explosive atmosphere, have to fulfil the ATEX directive.

The trucks are categorised in equipment group II and are suitable for areas classified as zone 1/zone 21 (do also cover zone 2/zone 22). This means areas, in which an explosive atmosphere is generated occasionally due to different gases or dust.

The explosion proved construction is characterised by the following product mark:



II 2G Ex h IIB T6 Gb
II 2D EX h IIIB T85°C Db



The sketch shows an example of a zone.
Gas: Zone 0, 1 and 2.
Dust: Zone 20, 21 and 22.