

MANUAL STACKERS INOX STANDARD LEGS

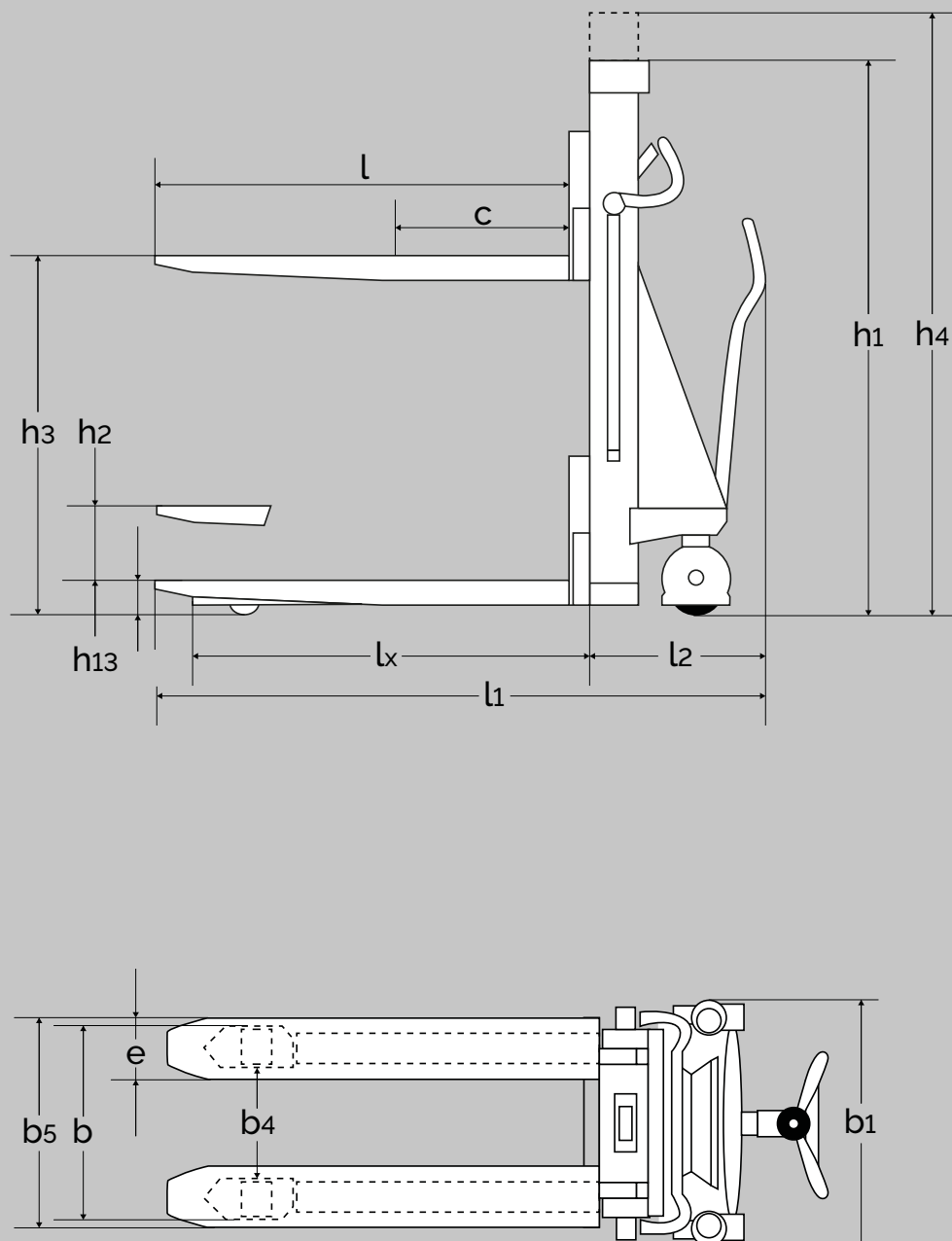
SPECS AND KEY SKETCHES



MANUAL STACKER INOX
(HSI 1000)



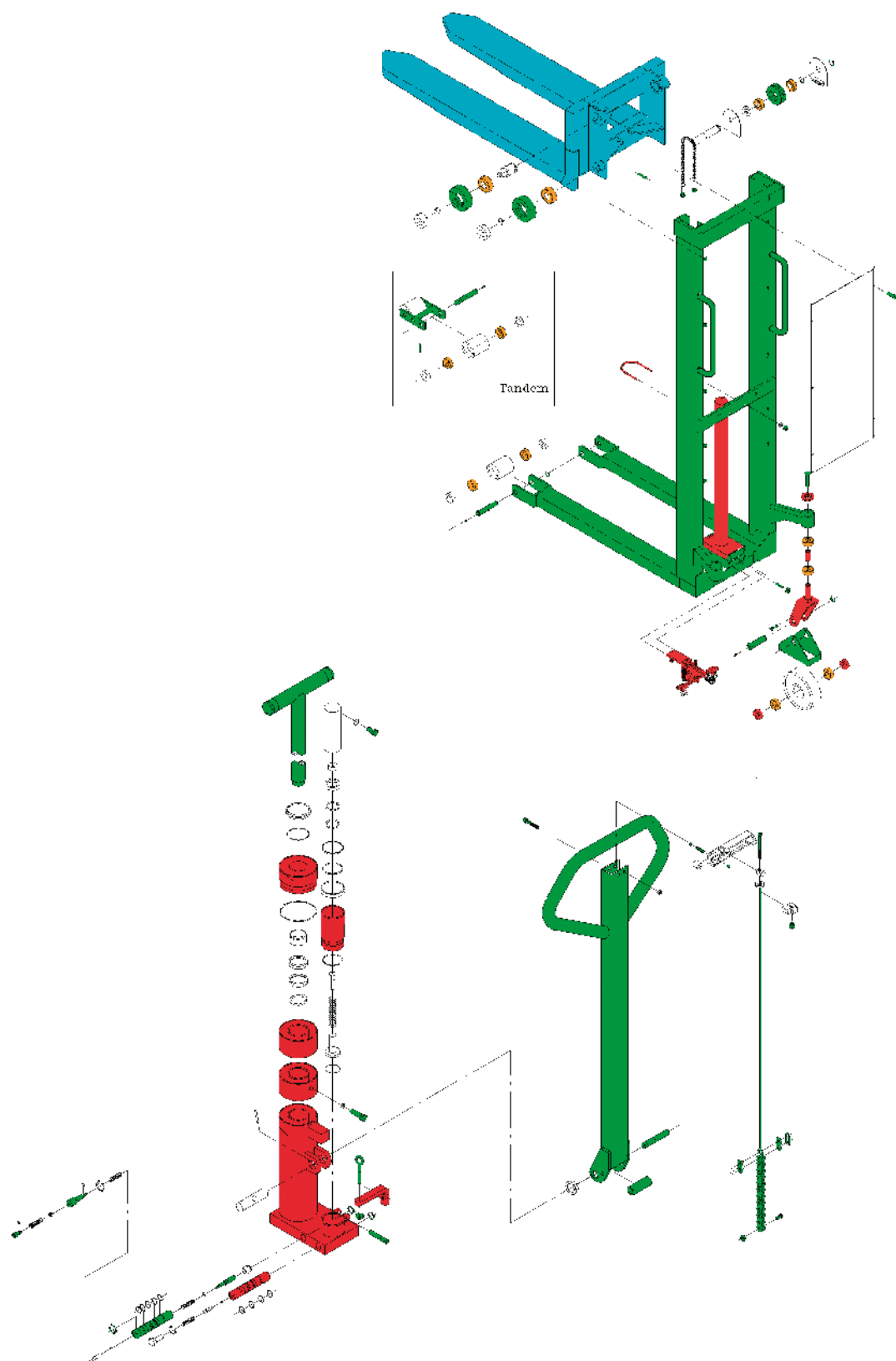
MANUAL STACKER INOX
(HSI 1000 EXPLOSION PROOF)



Manual Logiflex stacker Inox + explosion proof

PRODUCT (measured in mm)		HSI 1000 + HSI 1000 EX				
Capacity in kg		1000	1000	1000	1000	1000
Lifting height	h ₃	1200	1400	1600	2050	2450
Fork length	l	1150				
Overall height	h ₁	1530	1730	1930	1530	1730
Chassis span	b	b ₁				
Overall width	b ₁	654				913
Fork span	b ₅	560				
Length without forks	l ₂	390				
Overall length with 1150 forks	l ₁	1650			1660	
Telescopic mast					.	.
Overall height	h ₄	Without telescopic mast			2490	2890
Lowered height	h ₁₃	90				
Load centre	c	max. 600				
Width between legs	b ₄					
Fork width	e	163				
Run-in length	l _x	1005				
Gangway (pallet: 1200 x 800)	A _{st}	2020 ¹				
Free lift	h ₂				190	
Turning angle of wheels		180°				
Lifting speed		normal/quick 17/54 mm per pump				
Lowering speed with/without load		0.21 m/s				
Weight in kg		193	197	201	255	264

¹ Tests show that 1450 mm are enough.



						
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

Our **manual pallet truck, highlifter and stacker** also come in special explosion proof versions.

The manual trucks must fulfil the ATEX-directive, and they are manufactured in concordance with the ATEX directive no. 2014/34/EC and relevant standards.

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 explosive atmosphere is generated occasionally due to different gases or dust.

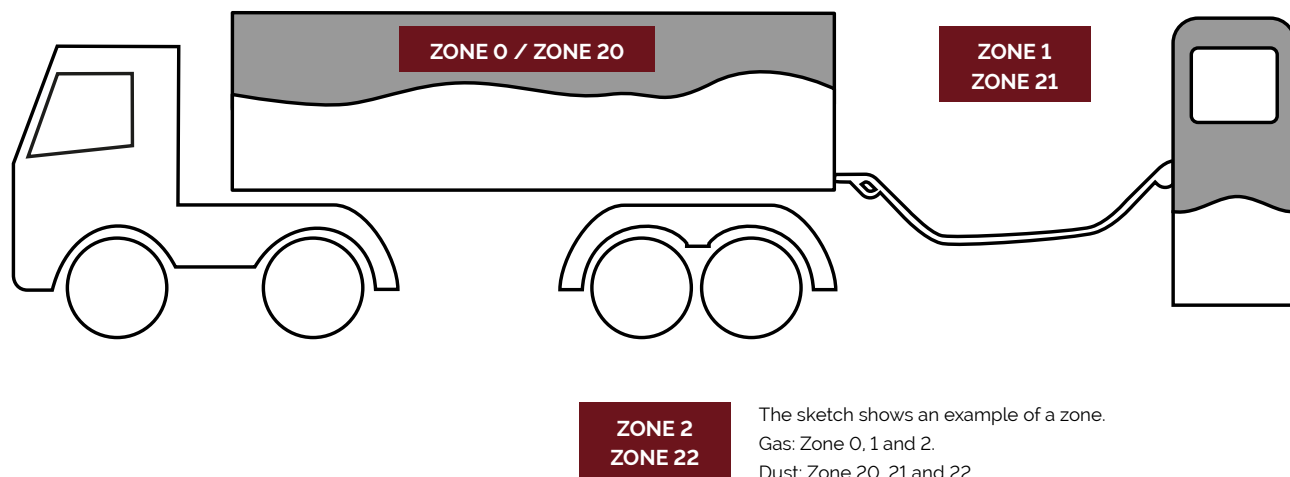
We construct the trucks in high quality stainless steel and with minimum one vulkollan anti-static wheel in order to avoid static electricity.

Logitrans solely manufactures EX stainless

trucks to be operated manually. These trucks (manual highlifter, manual stacker, manual pallet truck) are suitable for the pharmaceutical, chemical, oil, gas and painting industry.

The explosion proof trucks are characterised by the following product labels:

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



In which environment do you want to use the product?

Material

- Please check our key sketch.

In general

- Acid-resistant steel AISI 316L for the forks .
- Stainless steel AISI 304 for chassis and other exposed components.
- Electric print is coated with DCA SCC3 (conformal coating).
- Exposed plugs are sealed with Gasket Silicone 273.
- All electric parts are sprayed with WD-40.
- Chains, chain wheel, support rollers etc.: Various steel alloys - not corrosion resistant.
- Less exposed parts: Zinc coating according to DIN 50979- ZnFe8/Cn/T2 (408 hours salt spray test).
- Ball bearing with rubber sealing.
- Motor: IP44
- The charger is not protected against moisture, so in general external charger is used.
Charging should take place in a dry environment.
- If possible, the product is to be placed in a dry and heated room, when not used.

Maintenance

To achieve the longest possible operational time, it is important that stainless products are maintained regularly.
The frequency depends on the usage.

[Cleaning/Maintenance of stainless products](#)

Every third month

- Electric parts are sprayed with WD-40
- Plugs and connections are checked and cleaned for brownish layer and bad connections

Warranty

- When used in wet environments, the warranty does not cover damages caused by moisture.
This might be rust damages to galvanized parts and faults on electrical parts.

In which environment do you want to use the product?

Stainless steel products operate in different environments and must meet different requirements from our customers. What is your environment?

Environments	Examples industries	Logitrans products managing these environments		
Very aggressive, wet environments The product is wet due to liquid dissolutions (acid, base or brine) almost all the time. Cleaning Aggressive cleaning. Cleaning with foam (acid or base) (washing) PH in the cleaning material is much lower or much higher than 7.0	Preparation processes in Food and fish industries Slaughterhouses Dairies			
Aggressive, wet environments The product is wet and moist most of the time. Cleaning Aggressive cleaning. Cleaning with foam (acid or base) (washing). PH in the cleaning material is much lower or much higher than 7.0	Production processes in Food industry Slaughterhouses Dairies			
Clean, moist environments The product is moist only occasionally. Cleaning Gentle cleaning when wiping or washing (only forks). Neutral water (PH7), when necessary with gentle cleaning materials.	Pharmaceutical industry Food industry			
Clean, dry environments The product is dry all the time. Cleaning Cleaning the products with dry or moist cloth.	Pharmaceutical Packaging in the food industry	All Logitrans stainless products	Panther Inox, HS/EHS Inox HL/EHL Inox, Logitilt Inox Rotator Inox, Multi Drum Turner Inox Stainless fully-powered products	EHL Inox Plus HL Inox Plus
Panther Inox Plus				