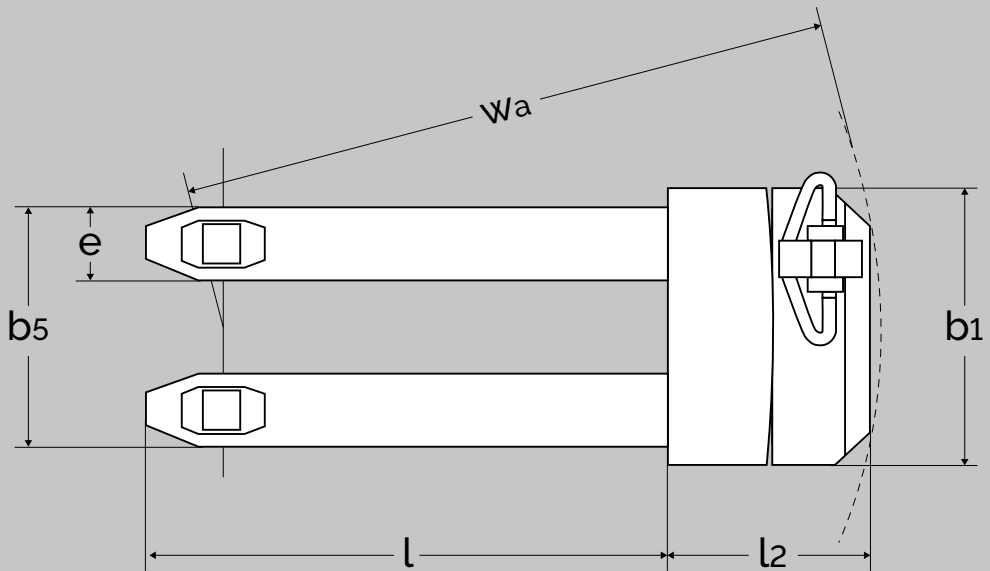# PANTHER MAXI INOX
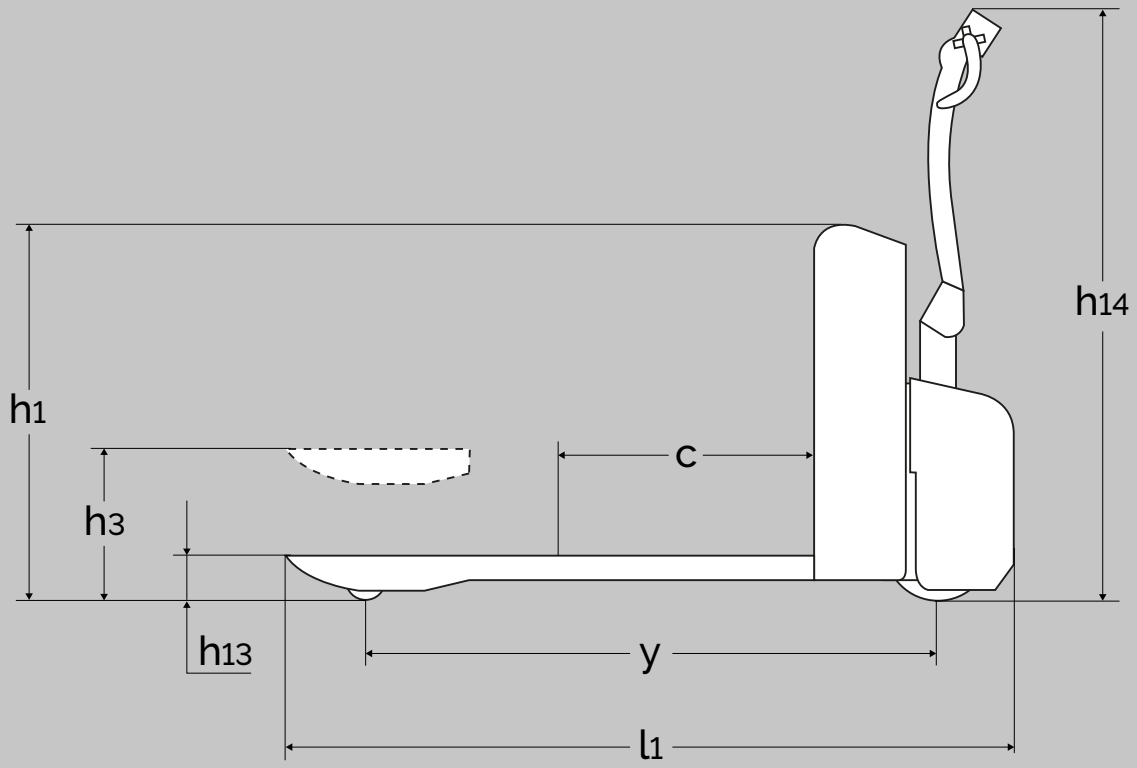
SPECS AND KEY SKETCHES
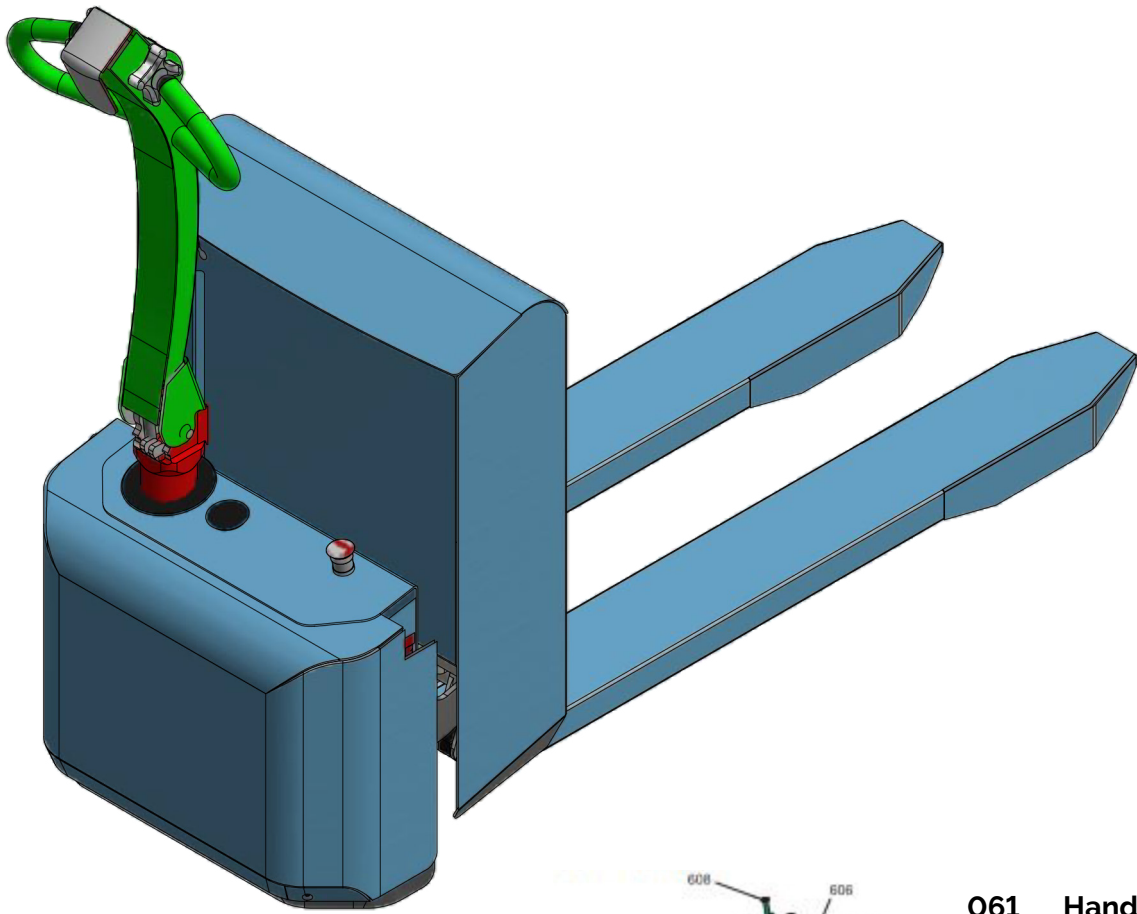

PANTHER INOX PLUS (PIP)
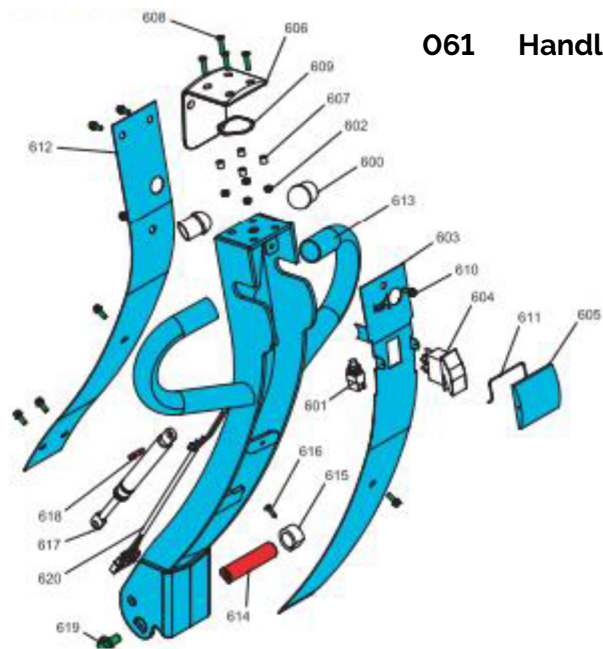
PRODUCT (measured in mm)		PANTHER MAXI INOX
Capacity in kg		1800
Lifting height	h_3	200
Fork length	l	810, 915, 970, 1066, 1140, 1220, 1520
Overall height	h_1	817
Overall width b_5 = 520/680 mm	b_1	600/680
Fork span	b_5	520, 680
Fork width	e	158
Length without forks	l_2	450
Overall length	l_1	450 + l
Overall height	h_{14}	1296
Lowered height	h_{13}	85
Load centre	c	l/2
Wheel base (l=1140)	y	1256
Gangway	A_{st}	1890 (pallet: 1200 x 800)*
Turning angle of the wheels		210°
Turning radius Wa (l=1140)		1410
Driving motor		24 V 1,2 kW
Driving speed with/without load		5/6 km/h
Pump motor		24 V 1,2 kW
Lifting speed with/without load		35/50 mm/s
Lowering speed with/without load		115/40 mm/s
Gradient performance (1800 kg)		10%
Weight in kg with 1140 mm forks (without battery)		205

* Tests show that 1610 mm are enough.

061   Handle

🔵	🟢	🟡	🔴	🟠	🟣	⚫
Acid-resistant steel	**Stainless steel**	**Zinc-iron black passivating + sealer***	**Zinc-iron silver passivating + sealer***	**Rubber sealed bearings**	**Bronze**	**Painted 130-150 μm**
EN 1.4404 (AISI 316L) EN 1.4460 (AISI 329)	EN 1.4305 (AISI 303) EN 1.4301 (AISI 304)	Fe∥ZnFeX∥Fn∥T2	Fe∥ZnFeX∥Cn∥T2			

*chromated

01 Chassis
011 Fork chassis

012 Rear cover
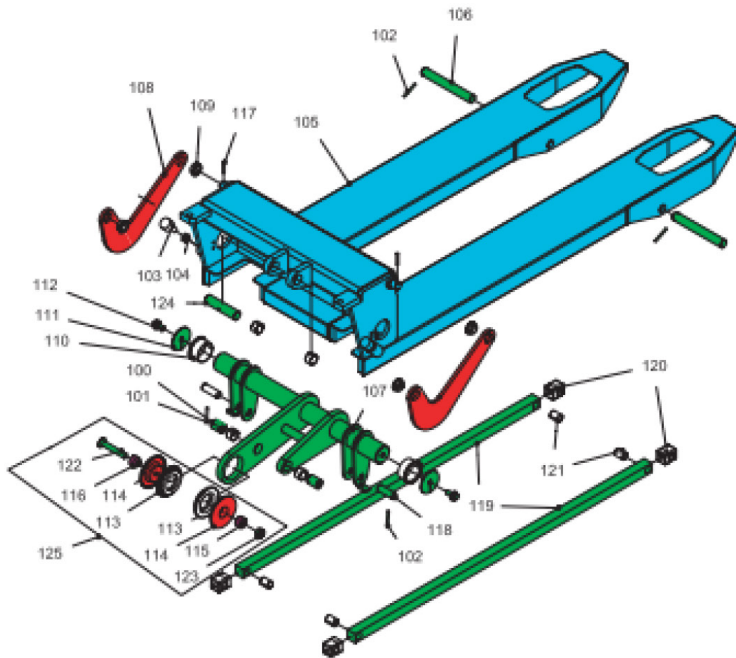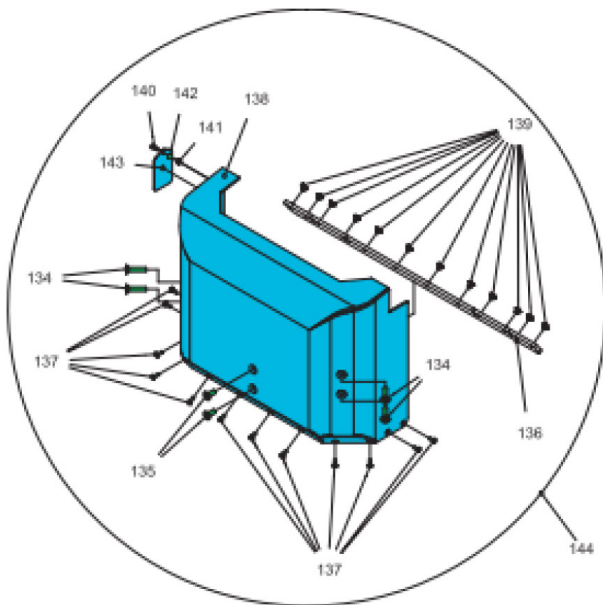

013 Battery box

Acid-resistant steel	Stainless steel	Zinc-iron black passivating + sealer*	Zinc-iron silver passivating + sealer*	Rubber sealed bearings	Bronze	Painted 130-150 μm
EN 1.4404 (AISI 316L) EN 1.4460 (AISI 329)	EN 1.4305 (AISI 303) EN 1.4301 (AISI 304)	Fe∕∕ZnFeX∕∕Fn∕∕T2	Fe∕∕ZnFeX∕∕Cn∕∕T2			

*chromated

Electric stainless products

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				Panther Inox Plus
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			EHL Inox Plus HL Inox Plus	Panther Inox Plus
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		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
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