



General catalogue

Solutions for material handling



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Electric forklifts



PUMA C/L

Puma C/L

Puma C 1600

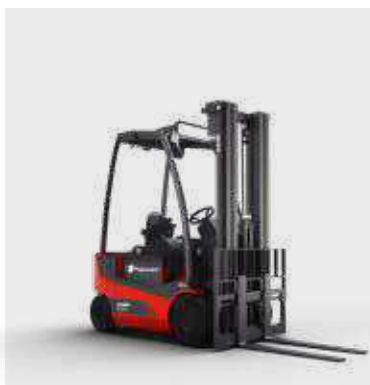
Puma L 1600

1800

2000

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LEON

Leon

Leon 1800

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PANTER S

Panter S

Panter S 2500

Panter S 3000

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TIGER

Tiger

Tiger 3500

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Electric pallet stackers



W12

W12
Capacity (t): 1.2

W12 SLG
Capacity (t): 1.2

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PL

PL13
Capacity (t): 1.3

PL16
Capacity (t): 1.6

PL20
Capacity (t): 2.0

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PL16-63T

PL16-63T
Capacity (t): 1.6

PL16-63T SLG
Capacity (t): 1.6

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OP

OP20
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Capacity (t): 0.5

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Electric pallet trucks



T14

T14
Capacity (t): 1.4

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COMPACT

COMPACT 20
Capacity (t): 2.0

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TPL

TPL16
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TPL20
Capacity (t): 2.0

TPL30
Capacity (t): 3.0

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Manual Pallet Truck



MPT 25

Capacity (t): 2.0 -2.5

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Electric inox pallet stacker and pallet trucks



W10 INOX

W10 INOX
Capacity (t): 1.0

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PL INOX

PL13 INOX
Capacity (t): 1.3

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PL16 INOX
Capacity (t): 1.6



T14 INOX

T14 INOX
Capacity (t): 1.4

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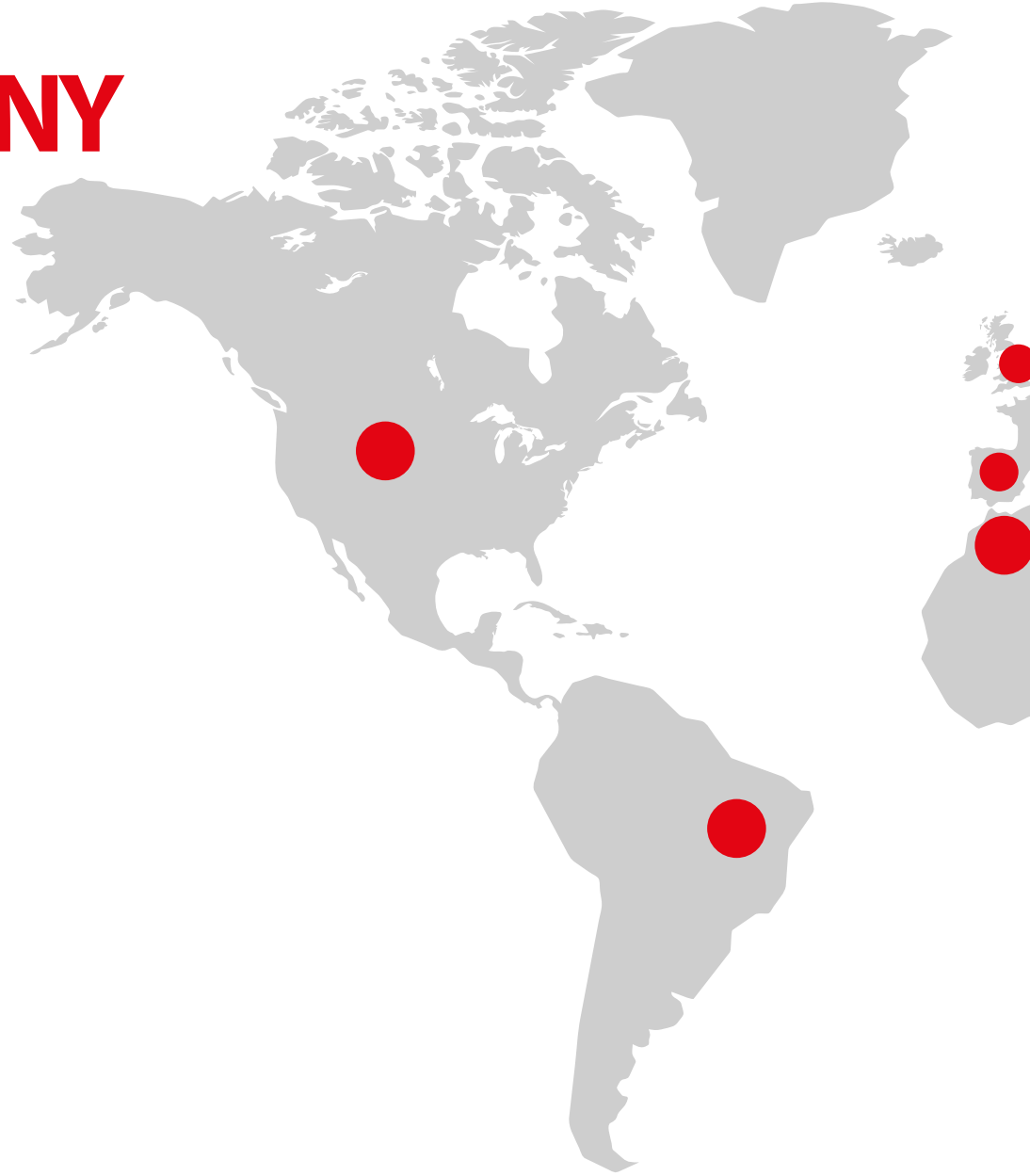
TPL INOX

TPL20 INOX
Capacity (t): 2.0

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THE COMPANY

Since 1980



Pegasolift engineers, designs, manufactures and sells over the world material handling products that ensure to customers a superior value and customized solutions.

Pegasolift engineers, designs, manufactures and sells over the world material handling products that ensure to customers a superior value and customized solutions.

Pegasolift İstif Makinaları A.Ş. is an Turkish company active on the market since more thirty years. Pegasolift offers a full range of solution in material handling: pallet trucks, pallet stackers and tugger train. Pegasolift design its products to support differents applications within almost any type of industry. It manufactures inox pallet trucks and stackers to accomplish with the most strict regulations in food, pharmaceutical, chemical and other critical industries.

It engineers every pallet truck and pallet stacker in order to implement operator activities in terms of performance and productivity. Product innovation and reliability are the core values to meeting our promise. Our products are designed to address real-life logistics problems.



A distinguished reputation by responding to the needs of our clients and multi-national companies

During our first decade, we earned a distinguished reputation in metal products processing by responding to the needs of our clients, multi-national companies that required solutions executed at the highest levels of quality and accuracy.

We subsequently developed the ability to engineer our own projects, relieving the R&D departments of our clients for this activity. By providing the added value in designing as well as strong production techniques to our clients, we gained greater market share.

We restructured ourselves in the 1990's and transitioned from being a third-party manufacturer to a fully product-driven company. We launched our first product line: trailers for the agricultural market. These quickly became a market benchmark thanks to their quality and reliability.

In the early 2000's, we created the Logistics Division and launched our new product line: Pegasolift pallet trucks and stackers.

New Generation Electric Forklifts



Joystick

Pegasolift Electric Forklifts are easy to use. Thanks to its ergonomic and user friendly joystick design, Pegasolift Electric Forklifts can be controlled by one hand.



Standard LED lights

Pegasolift Electric Forklifts are fully equipped with LED Lights. In this standard equipments there are LED Front Headlights, LED Rear Headlights, Warning Lights and Reverse Blue Safety Lights.

Innovation and reliability to address real daily logistics issues.



Proportional lift forks control



Belly button

Pegasolift pallet trucks and stackers are provided with a belly button anti-crush. The forklift stops and change direction when belly buttoni is urged.



Ergonomic tiller head

Pegasolift product can be easily controlled by control head. It has a special rubber coating that gives an ergonomic grip system.



Battery always under control

Pegasolift has high quality batteries that guarantee a long-life duration.

A control display informs the operator about hour counting as well as battery charge and status.



Speed selector

Pegasolift products have a speed selector with two speed options: turtle (low speed) or hare (high speed). It can be easily changed by the operator through the controller placed on the back side of tiller head.



Special projects

Pegasolift can develop almost any kind of forklifts solution to fulfill Client's needs wherever special attachments or configuration are required. Paper rolls, drums, bins and other type of load units can be easily handled by Pegasolift special machines.

Strong Reliable Tough



High Quality

Pegasolift manual pallet trucks are strong, reliable and tough. Our manual pallet trucks are offering high quality with competitive prices.



Strengthened hydraulic system

There is a strengthened hydraulic system intended to support the carrying capacity of the pallet truck (2000-2200-2500 kgs).



 Pegasolift®

PANTER S
3000



ELECTRIC FORKLIFT

AC FORKLIFT SERIES

Become GREEN

Pegasolift offers different variety of material handling solutions. Electric Forklifts, Electric Stackers, Electric Pallet Trucks and Manual Pallet Trucks. We manufacture ergonomic design forklifts with Italian and Spanish engineers in Turkey. Load capacity of three-wheel forklift is 1,6 to 2 tonnes. Four-wheel forklifts can carry 2 to 3.5 tonnes. These full-featured new generation electric forklifts are eco-friendly machines. It is mandatory to use an electric forklift, especially in closed areas. In addition, vehicles producing exhaust gas in the food industry are prohibited by European standards, as they pose a health hazard. These machines are also minimize accident risk with more high-quality sensors. Electric forklifts can compensate its cost in 2 years (by single shift).

ELECTRIC FORKLIFTS

PUMA C



Narrow Aisles

1600 kg

Max lifting capacity

4,66 mt

Max lifting height



Main features

- ›Lifting capacity 1.6 tons at 500 mm load center
- ›Best solution for narrow aisles and tight spaces
- ›Ergonomically pleasing design and one-hand control joystick
- ›Regenerative system that slows down when gas pedal is released
- ›Anti-skid system on the ramp
- ›Multifunctional LCD display
- ›Safe driving mode when elevator is in the 2nd level

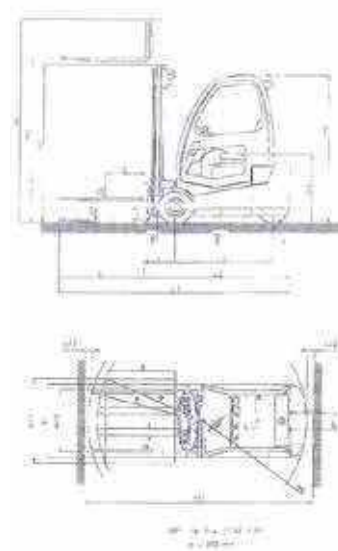
- ›Safe driving mode when cornering
- ›Digital failure reporting system
- ›Warning system in risky situations
- ›Warning system for maintenance time
- ›Control system adjustable according to operating conditions (travel and hydraulic speeds, brake, etc.)

Compact in narrow aisles

Thanks to it's 3 wheel design Puma C model is the best solution for narrow aisles and tight spaces It offers ergonomically attractive design and easy to use.

Optionals

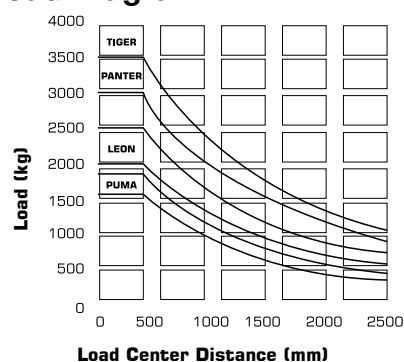
- › Human-Focused Motion and Asset Detection Sensor
- › Overload warning system
- › Parking Sensor that improves safety by facilitating reverse maneuver
- › Forklift camera monitoring system
- › Elevator height and tilt sensor
- › Enhanced safety closed cabin (wiper and heater option)
- › Weighing load capability (Scale Sensor)
- › Special Projects (Fork Positioner, Rotator, Double Handler, Roll Clamp and etc.)
- › White padding tire
- › Comfortable seat with suspension adjustment.



Technical specifications Puma C

Model			Puma C
GENERAL FEATURES	Lifting Capacity	Q (t)	1,6
	Load Base	C (mm)	500
	Mirror Front Axle Distance	X (mm)	369
	Wheel Base	Y (mm)	1314
WEIGHT	Weight of Forklift Truck (With Standard Battery)	kg	3386
	Axle Load, Full-Load, Front / Rear	kg	4271 - 559
	Axle Load, No-Load, Front / Rear	kg	1580 - 1650
TYRES	Tyres		SE
	Front Tyre Size		18 x 7-8
	Rear Tyre Size		16 x 6-8
	Number of Tyres, Front / Rear		2x / 2
TYRES	Front Tyre Distance	b10 (mm)	890
	Rear Tyre Distance	b11 (mm)	210
	Elevator Tilt Angle, Front / Rear	Grad	6 / 6
	Elevator Descending Height	h1 (mm)	2176
	Free Lift	h2 (mm)	150
	Lift Height	h3 (mm)	3306
	Elevator Outdoor Height	h4 (mm)	3846
	Operator Top Guard Height	h6 (mm)	2065
	Seat Height	h7 (mm)	920
	Total Length	L1 (mm)	2978
	Length from Fork Front Face	L2 (mm)	1878
	Total Width	b1 (mm)	1040
	Fork Dimensions, Thickness, Width x Length	s/e/1(mm)	35 x 100 x 1200
	Fork Handling Mirror Class		2A
	Fork Handling Mirror Width	b3 (mm)	1020
	Elevator's Ground Clearance, Loaded	m1 (mm)	90
	Ground Clearance of Chassis	m2 (mm)	100
	Working Aisle Width with Palette of 1000 x 1200	Ast (mm)	3210
	Working Aisle Width with Palette of 1200 x 800	Ast (mm)	3334
	Turning Radius	Wa (mm)	1515
PERFORMANCE	Travel Speed, Loaded / Unloaded	km / h	16 / 17
	Lifting Speed, Loaded / Unloaded	m / s	0,50 / 0,66
	Landing Speed, Loaded / Unloaded	m / s	0,5 / 0,48
	Climbing, Loaded / Unloaded	%	15 / 24
	Max. Climbing, Loaded / Unloaded	%	24 / 38,5
	Service Brake		Hydraulic / Electric
ELECTRIC MOTOR	Travel Motor Power	kW	2 x 5
	Lifting Motor Power	kW	15
	Battery Voltage, Capacity	V / Ah	48 / 500
INFORMATION	Battery Weight	kg	856
	Driver Control Type		AC/ Inverter
	Operating Pressure for Attachment	bar	140
	Driver Sound Level	db (A)	65

Load Diagram



Residual Capacity at the max lifting height (kg)			
		1,6	
h3 (mm)	h1 (mm)	500	600
2860	1953	1450	1300
3000	2063	1450	1300
3306	2176	1450	1300
3306	2338	1450	1300
3930	2488	1450	1300
4230	2788	1450	1300
4530	2788	1450	1300
4330	1953	1450	1300
4660	2063	1400	1300
5000	2176	1300	1275
5500	2352	1150	1125

Elevator Sizes (mm)			
v ttbv	h2 (mm)	h3 (mm)	h4 (mm)
1953	150	2860	3440
2063	150	3080	3620
2176	150	3306	3846
2338	150	3306	4170
2488	150	3930	4470
2788	150	4230	5070
2988	150	4530	5370
1953	1413	4330	4870
2063	1523	4660	5200
2176	1636	5000	5540
2352	1812	5500	6040
2552	2012	6000	6540
2752	2212	6500	7040
2952	2412	7000	7540

ELECTRIC FORKLIFTS

PUMA L



Narrow Aisles

2000 kg

Max lifting capacity

5,00 mt

Max lifting height



Main features

- ›Lifting capacity from 1.6 to 2.0 tons at 500 mm load center
- ›Best solution for narrow aisles and tight spaces
- ›Ergonomically pleasing design and one-hand control joystick
- ›Regenerative system that slows down when gas pedal is released
- ›Anti-skid system on the ramp
- ›Multifunctional LCD display
- ›Safe driving mode when elevator is in the 2nd level

- ›Safe driving mode when cornering
- ›Digital failure reporting system
- ›Warning system in risky situations
- ›Warning system for maintenance time
- ›Control system adjustable according to operating conditions (travel and hydraulic speeds, brake, etc.)



Technical specifications Puma L

Model		Puma L 1.6	Puma L 1.8	Puma L 2.0	
GENERAL FEATURES	Lifting Capacity	Q (t)	1,6	1,8	2,0
	Load Base	C (mm)	500	500	500
	Mirror Front Axle Distance	X (mm)	369	369	369
	Wheel Base	Y (mm)	1423	1423	1423
WEIGHT	Weight of Forklift Truck (With Standard Battery)	kg	3175	3382	3582
	Axle Load, Full-Load, Front / Rear	kg	4292 - 483	4618 - 557	4994 - 581
	Axle Load, No-Load, Front / Rear	kg	1685 - 1490	1685 - 1690	1735 - 1840
TYRES	Tyres		SE	SE	SE
	Front Tyre Size		18 x 7-8	18 x 7-8	200 x 50-10
	Rear Tyre Size		16 x 6-8	16 x 6-8	16 x 6-8
	Number of Tyres, Front / Rear		2x / 2	2x / 2	2x / 2
	Front Tyre Distance	b10 (mm)	890	890	915
TYRES	Rear Tyre Distance	b11(mm)	210	210	210
	Elevator Tilt Angle, Front / Rear	Grad	6 / 6	6 / 6	6 / 6
	Elevator Descending Height	h1 (mm)	2176	2176	2176
	Free Lift	h2 (mm)	150	150	150
	Lift Height	h3 (mm)	3306	3306	3306
	Elevator Outdoor Height	h4 (mm)	3846	3846	3903
	Operator Top Guard Height	h6 (mm)	2065	2065	2065
	Seat Height	h7 (mm)	920	920	920
	Total Length	L1 (mm)	3087	3087	3087
	Length from Fork Front Face	L2 (mm)	1987	1987	1987
	Total Width	b1 (mm)	1110	1110	1110
	Fork Dimensions, Thickness, Width x Length	s/e/1(mm)	35 x 100 x 1200	35 x 100 x 1200	35 x 100 x 1200
	Fork Handling Mirror Class		2A	2A	2A
	Fork Handling Mirror Width	b3 (mm)	1020	1020	1020
	Elevator's Ground Clearance, Loaded	m1 (mm)	90	90	90
	Ground Clearance of Chassis	m2 (mm)	100	100	100
	Working Aisle Width with Palette of 1000 x 1200	Ast (mm)	3219	3319	3319
	Working Aisle Width with Palette of 1200 x 800	Ast (mm)	3334	3334	3334
	Turning Radius	Wa (mm)	1624	1624	1624
	PERFORMANCE	Travel Speed, Loaded / Unloaded	km / h	16 / 17	15,5 / 17
Lifting Speed, Loaded / Unloaded		m / s	0,50 / 0,66	0,48 / 0,66	0,48 / 0,66
Landing Speed, Loaded / Unloaded		m / s	0,50 / 0,46	0,50 / 0,46	0,50 / 0,46
Climbing, Loaded / Unloaded		%	15 / 24,5	14 / 23	12,5 / 21
Max. Climbing, Loaded / Unloaded		%	24 / 39	22 / 36,5	20,5 / 34
Service Brake			Hydraulic / Electric	Hydraulic / Electric	Hydraulic / Electric
ELECTRIC MOTOR	Travel Motor Power	kW	2 x 5	2 x 5	2 x 5
	Lifting Motor Power	kW	15	15	15
	Battery Voltage, Capacity	V / Ah	48 / 625	48 / 625	48 / 625
INFORMATION	Battery Weight	kg	856	856	863
	Driver Control Type		AC/ Inverter	AC/ Inverter	AC/ Inverter
	Operating Pressure for Attachment	bar	140	140	140
	Driver Sound Level	db (A)	65	65	65

1,6 Elevator Sizes (mm)				1,8 Elevator Sizes (mm)			2,0 Elevator Sizes (mm)			(")
h1 (mm)	h2 (mm)	h3 (mm)	h4 (mm)	h2 (mm)	h3 (mm)	h4 (mm)	h2 (mm)	h3 (mm)	h4 (mm)	
1953	150	2860	3440	150	2860	3457	150	2860	3457	6 / 6
2063	150	3080	3620	150	3080	3677	150	3080	3677	6 / 6
2176	150	3306	3846	150	3306	39033	150	3386	3903	6 / 6
2330	150	3306	4170	150	3306	4227	150	3306	4227	6 / 6
2488	150	3930	4470	150	3930	4527	150	3930	4527	6 / 6
2788	150	4230	5070	150	4230	5127	150	4230	5127	6 / 6
2988	150	4530	5370	150	4530	5427	150	4530	5427	6 / 6
1953	1413	4330	4870	1332	4330	4961	1332	4330	4961	6 / 6
2063	1523	4660	5200	1432	4660	5291	1432	4660	5391	6 / 6
2176	1636	5000	5540	1545	5000	5631	1545	5000	5631	6 / 6
2352	1812	5500	6040	1721	5500	6131	1721	5500	6131	6 / 4
2552	2012	6000	6540	1921	6000	6631	1921	6000	6631	6 / 4
2752	2212	6500	7040	2121	6500	7040	2121	6500	7040	6 / 4
2952	2412	7000	7540	2321	7000	7631	2321	7000	7631	6 / 2

High maneuverability in small aisles

Puma L designed to work in small aisles and limited environment with it's excellent performance.

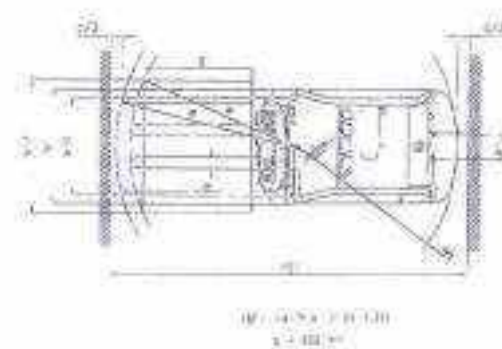
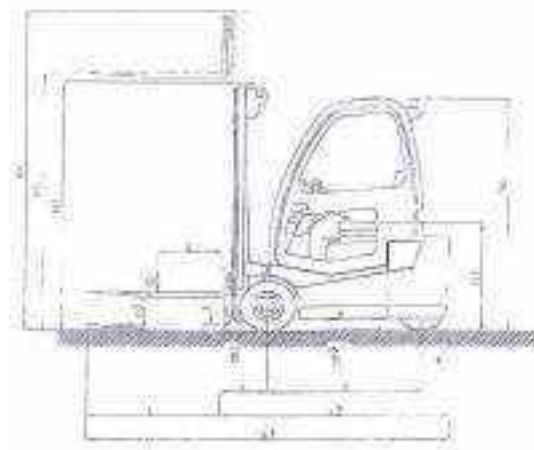
Optionals

- › Human-Focused Motion and Asset Detection Sensor
- › Overload warning system
- › Parking Sensor that improves safety by facilitating reverse maneuver
- › Forklift camera monitoring system
- › Elevator height and tilt sensor
- › Enhanced safety closed cabin
- (wiper and heater option)
- › Weighing load capability (Scale Sensor)
- › Special Projects (Fork Positioner, Rotator, Double Handler, Roll Clamp and etc.)
- › White padding tire
- › Comfortable seat with suspension adjustment.

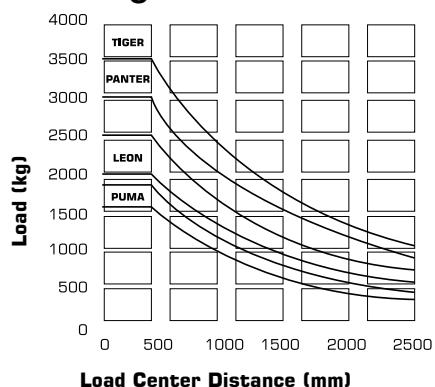


Residual Capacity at the max lifting height (kg)

h3 (mm)	h1 (mm)	1,6		1,8		2,0	
		c1 (mm)		c1 (mm)		c1 (mm)	
		500	600	500	600	500	600
2860	1953	1450	1300	1650	1475	1850	1650
3000	2063	1450	1300	1650	1475	1850	1650
3306	2176	1450	1300	1650	1475	1850	1650
3306	2338	1450	1300	1650	1475	1850	1650
3930	2488	1450	1300	1650	1475	1850	1650
4230	2788	1450	1300	1650	1475	1850	1650
4530	2788	1450	1300	1650	1475	1850	1650
4330	1953	1450	1300	1650	1475	1850	1650
4660	2063	1400	1300	1575	1475	1775	1650
5000	2176	1300	1275	1450	1425	1620	1600
5500	2352	1150	1125	1275	1475	1425	1400
6000	2552	1000	975	1100	1275	1225	1200
6500	2752	850	850	950	1100	1050	1026
7000	2952	725	725	800	926	875	875



Load Diagram



ELECTRIC FORKLIFTS

LEON

1800 kg

Max lifting capacity

5,00 mt

Max lifting height



Ergonomics

- › Cabin with same sizes as high tonnage forklift trucks
- › Joystick and finger options
- › Ergonomic operator seat with seatbelt, weight and height setting

Safety

- › Regenerative system that slows down when gas pedal is released
- › Anti - skid system on the ramp
- › Safe driving mode when cornering
- › Safe driving mode when elevator is in the 2nd level
- › Elevator which can operate within the container

4 Wheel Design

Cab with the same size as the high-tonnage forklifts. Thanks to it's 4 wheels but compact design, Leon can operate in small aisles easily.

Optionals

- › Human-Focused Motion and Asset Detection Sensor
- › Overload warning system
- › Parking Sensor that improves safety by facilitating reverse maneuver
- › Forklift camera monitoring system
- › Elevator height and tilt sensor
- › Enhanced safety closed cabin (wiper and heater option)
- › Weighing load capability (Scale Sensor)
- › Special Projects (Fork Positioner, Rotator, Double Handler, Roll Clamp and etc.)
- › White padding tire
- › Comfortable seat with suspension adjustment.



Efficiency

- › Brushless AC System propeller engines 48V / 2x5 kW
- › Brushless AC System pump engines 48V / 16 kW

Battery

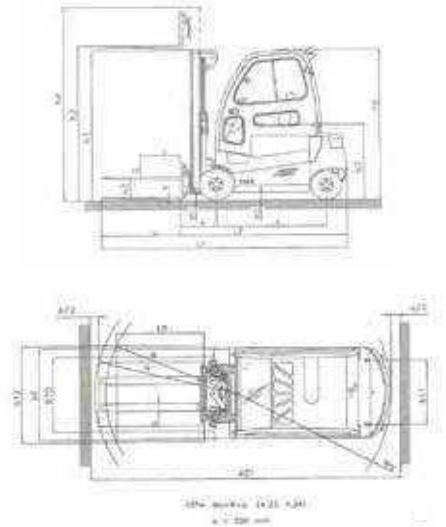
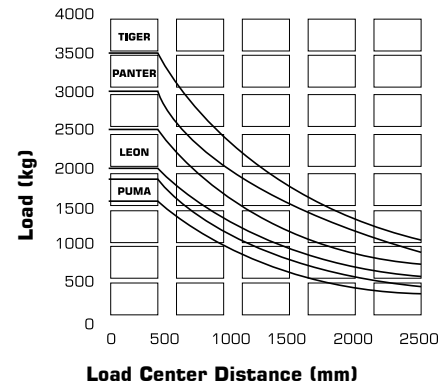
- › 48V / 625 Ah. / 750 Ah
- › Long - term used traction battery
- › Multifunctional LCD display
- › Digital Failure Reporting System
- › Protection system in risky situations
- › Warning system for maintenance time
- › Control system adjustable according to operating conditions (travel and hydraulic speeds, brake etc.)

Technical specifications Leon

Model			
GENERAL FEATURES	Lifting Capacity	Q (t)	1,8
	Load Base	C (mm)	500
	Mirror Front Axle Distance	X (mm)	369
	Wheel Base	Y (mm)	1350
WEIGHT	Weight of Forklift Truck (With Standard Battery)	kg	3405
	Axle Load, Full-Load, Front / Rear	kg	4613 - 585
	Axle Load, No-Load, Front / Rear	kg	1618 - 1780
TYRES	Tyres		SE
	Front Tyre Size		18 x 7-8
	Rear Tyre Size		16 x 6-8
	Number of Tyres, Front / Rear	2x / 2	
TYRES	Front Tyre Distance	b10 (mm)	890
	Rear Tyre Distance	b11 (mm)	700
	Elevator Tilt Angle, Front / Rear	Grad	5 / 5
	Elevator Descending Height	h1 (mm)	2176
	Free Lift	h2 (mm)	150
	Lift Height	h3 (mm)	3306
	Elevator Outdoor Height	h4 (mm)	3903
	Operator Top Guard Height	h6 (mm)	2065
	Seat Height	h7 (mm)	920
	Total Length	L1 (mm)	3128
	Length from Fork Front Face	L2 (mm)	2028
	Total Width	b1 (mm)	1040
	Fork Dimensions, Thickness, Width x Length	s/e/1(mm)	35 x 100 x 1200
	Fork Handling Mirror Class		2A
	Fork Handling Mirror Width	b3 (mm)	1020
	Elevator's Ground Clearance, Loaded	m1 (mm)	90
	Ground Clearance of Chassis	m2 (mm)	100
	Working Aisle Width with Palette of 1000 x 1200	Ast (mm)	3347
	Working Aisle Width with Palette of 1200 x 800	Ast (mm)	3471
	Turning Radius	Wa (mm)	1652
PERFORMANCE	Travel Speed, Loaded / Unloaded	km / h	18 / 20
	Lifting Speed, Loaded / Unloaded	m / s	0,50 / 0,66
	Landing Speed, Loaded / Unloaded	m / s	0,5
	Climbing, Loaded / Unloaded	%	14 / 22,5
	Max. Climbing, Loaded / Unloaded	%	22 / 36
	Service Brake		Hydraulic / Electric
ELECTRIC MOTOR	Travel Motor Power	kW	2 x 5
	Lifting Motor Power	kW	15
INFORMATION	Battery Voltage, Capacity	V / Ah	48 / 625
	Battery Weight	kg	863
	Driver Control Type		AC/ Inverter
	Operating Pressure for Attachment	bar	140
	Driver Sound Level	db (A)	65

Leon					
Type	Lifting Height (h3 mm)	Free Lift (h2 mm)	Elevator Descending Height (h1 mm)	Elevator Outdoor Height (h4 mm)	Elevator Tilt Angle, Front / Rear
Two - Stage Elevator	2860	150	1953	3457	6 / 6
	3080	150	2063	3677	6 / 6
	3306	150	2176	3903	6 / 6
	3630	150	2338	4227	6 / 6
	3930	150	2488	4527	6 / 6
	4230	150	2788	5127	6 / 6
	4530	150	22938	5427	6 / 6
Two - Stage Free Lifting Elevator	2910	1322	1953	3541	6 / 6
	3130	1432	2036	3761	6 / 6
	3350	1545	2176	3981	6 / 6
	3700	1721	2352	4331	6 / 6
	4100	1921	2552	4731	6 / 6
	4500	2121	2752	5131	6 / 6
Three - Stage Free Lifting Elevator	4900	2321	2952	5531	6 / 6
	4330	1322	1953	4961	6 / 6
	4660	1432	2063	5291	6 / 6
	5000	1545	2176	5631	6 / 6
	5500	1721	2352	6131	6 / 4
	6000	1921	2552	6631	6 / 4
	6500	2121	2752	7131	6 / 4
	7000	2321	2952	7631	6 / 2

Load Diagram



Modal	1,8			
Superelastic Tyre	18 x 7-8			
Front Tyre Distance	890			
	Fork Handling Mirror		Integral Side Shift	
	c (mm)		c (mm)	
TWO - STAGE ELEVATOR	500	600	500	600
	1800	1625	1650	1475
	1800	1625	1650	1475
	1800	1625	1650	1475
	1800	1625	1650	1475
	1800	1625	1650	1475
	1725	1625	1625	1475
TWO - STAGE FREE LIFTING ELEVATOR	1800	1625	1650	1475
	1800	1625	1650	1475
	1800	1625	1650	1475
	1800	1625	1650	1475
	1800	1625	1650	1475
	1750	1625	1650	1475
	1575	1550	1500	1475
Three - Stage Free Lifting Elevator	1800	1625	1650	1475
	1675	1625	1575	1475
	1550	1525	1450	1425
	1350	1350	1275	1275
	1175	1150	1100	1100
	1000	1000	950	925
	850	850	800	800

ELECTRIC FORKLIFTS

PANTER S

3000 kg

Max lifting capacity

5,00 mt

Max lifting height



Ergonomics

- › Cabin with same sizes as high tonnage forklift trucks
- › Joystick and finger options
- › Ergonomic operator seat with seatbelt, weight and height setting

Safety

Regenerative system that slows down when gas pedal is released

- › Anti - skid system on the ramp
- › Safe driving mode when cornering
- › Safe driving mode when elevator is in the 2nd level
- › Elevator which can operate within the container

High Performance and agile

Panter S offers high performance in long shifts. Thanks to it's high lifting capacity, heavy weights is not a problem.

Optionals

- › Human-Focused Motion and Asset Detection Sensor
- › Overload warning system
- › Parking Sensor that improves safety by facilitating reverse maneuver
- › Forklift camera monitoring system
- › Elevator height and tilt sensor
- › Enhanced safety closed cabin
- (wiper and heater option)
- › Weighing load capability (Scale Sensor)
- › Special Projects (Fork Positioner, Rotator, Double Handler, Roll Clamp and etc.)
- › White padding tire
- › Comfortable seat with suspension adjustment.



Efficiency

- › Brushless AC System propeller engines 80V / 2x10 kW
- › Brushless AC System pump engines 80V / 24 kW

Battery

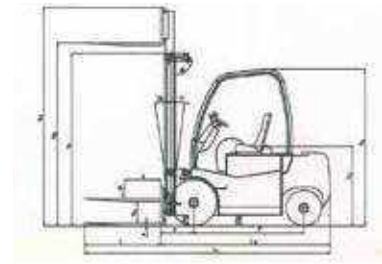
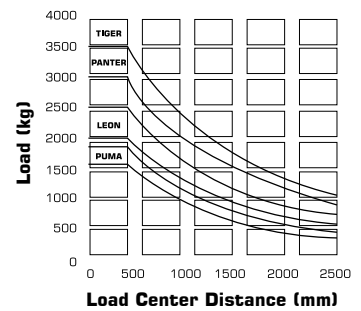
- › 48V / 620 AH
- › Long - term used traction battery
- › Multifunctional LCD display
- › Digital Failure Reporting System
- › Protection system in risky situations
- › Warning system for maintenance time
- › Control system adjustable according to operating conditions (travel and hydraulic speeds, brake etc.)

Technical Specifications Panter S

Model			Panter S Akülü	Panter S Akülü
GENERAL FEATURES	Lifting Capacity	Q (t)	2,8	3,0
	Load Base	C (mm)	500	500
	Mirror Front Axle Distance	X (mm)	452	452
	Wheel Base	Y (mm)	1720	1720
WEIGHT	Weight of Forklift Truck (With Standard Battery)	kg	4713	5385
	Axle Load, Full-Load, Front / Rear	kg	6543/657	7363/1022
	Axle Load, No-Load, Front / Rear	kg	2640 / 2060	2500 / 2885
TYRES	Tyres		SE	SE
	Front Tyre Size		7,00 x 12	7,00 x 12
	Rear Tyre Size		21 x 8-9	21 x 8-9
TYRES	Number of Tyres, Front / Rear		2x / 2	2x / 2
	Front Tyre Distance	b10 (mm)	1028	1028
	Rear Tyre Distance	b11(mm)	890	890
TYRES	Elevator Tilt Angle, Front / Rear	Grad	6 / 6	6 / 6
	Elevator Descending Height	h1 (mm)	2236	2236
	Free Lift	h2 (mm)	150	150
	Lift Height	h3 (mm)	3306	3306
	Elevator Outdoor Height	h4 (mm)	3964	3964
	Operator Top Guard Height	h6 (mm)	2200	2200
	Seat Height	h7 (mm)	1150	1150
	Total Length	L1 (mm)	3612	3467
	Length from Fork Front Face	L2 (mm)	2512	2367
	Total Width	b1 (mm)	1216	1216
	Fork Dimensions, Thickness, Width x Length	s/e/l(mm)	45x100x1200	45x100x1200
	Fork Handling Mirror Class		2A	3A
	Fork Handling Mirror Width	b3 (mm)	1100	1100
	Elevator's Ground Clearance, Loaded	m1 (mm)	150	150
	Ground Clearance of Chassis	m2 (mm)	150	150
PERFORMANCE	Working Aisle Width with Palette of 1000 x 1200	Ast (mm)	3834	3710
	Working Aisle Width with Palette of 1200 x 800	Ast (mm)	4034	3908
	Turning Radius	Wa (mm)	2051	2051
	Travel Speed, Loaded / Unloaded	km / h	18 / 18	18 / 18
	Lifting Speed, Loaded / Unloaded	m / s	52	0,59/ 0,48
	Landing Speed, Loaded / Unloaded	m / s	0,48 / 0,46	0,48 / 0,46
	Climbing, Loaded / Unloaded	%	11 / 18	9 / 15,5
ELECTRIC MOTOR	Max. Climbing, Loaded / Unloaded	%	14,5 / 23,5	
	Service Brake		Hydraulic / Electric	Hydraulic / Electric
	Travel Motor Power	kW	2 x 10	2 x 10
	Lifting Motor Power	kW	24	24
	Battery Voltage, Capacity	V / Ah	80 / 700	80 / 620
	Battery Weight	kg	1863	1558
	Driver Control Type		AC/ Inverter	AC/ Inverter
INFORMATION	Operating Pressure for Attachment	bar	140	140
	Driver Sound Level	db (A)	65	65

TYPE	Lifting Height	Free Lift	Elevator Descend- ing Height	Elevator Out- door Height	Elevator Tilt Angle, Front / Rear
PANTER					
TWO - STAGE ELEVATOR	3080	150	2123	3738	6 / 6
	3306 ¹	150	2236	2964	6 / 6
	3630	150	2398	4288	6 / 6
	3930	150	2698	4888	6 / 6
	4230	150	2848	5188	6 / 6
	4530	150	2848	5188	6 / 6
TWO - STAGE FREE LIFTING ELEVATOR	3130	1430	2123	3823	6 / 6
	3350	1543	2236	4043	6 / 6
	3700	1720	2413	4393	6 / 6
	4100	1920	2613	4793	6 / 6
	4500	2120	2813	5193	6 / 6
	4900	2320	3013	5593	6 / 6
THREE - STAGE FREE LIFTING ELEVATOR	4660	1430	2123	5353	6 / 6
	5000	1543	2236	5693	6 / 6
	5500	1720	2413	6193	6 / 6
	6000	1920	2613	6693	6 / 4
	6500	2120	2813	7193	6 / 4
	7000	2320	3013	7693	6 / 2

Load Diagram



ELECTRIC FORKLIFTS

TIGER

3500 kg

Max lifting capacity

5,00 mt

Max lifting height



Ergonomics

- › Cabin with same sizes as high tonnage forklift trucks
- › Joystick and finger options
- › Ergonomic operator seat with seatbelt, weight and height setting

Safety

Regenerative system that slows down when gas pedal is released

- › Anti - skid system on the ramp
- › Safe driving mode when cornering
- › Safe driving mode when elevator is in the 2nd level
- › Elevator which can operate within the container

Tiger means Power

Tiger is the most powerful machine in Pegasolift product range. It can lift 3.5 tons without any hesitation.

Optionals

- › Human-Focused Motion and Asset Detection Sensor
- › Overload warning system
- › Parking Sensor that improves safety by facilitating reverse maneuver
- › Forklift camera monitoring system
- › Elevator height and tilt sensor
- › Enhanced safety closed cabin
- (wiper and heater option)
- › Weighing load capability (Scale Sensor)
- › Special Projects (Fork Positioner, Rotator, Double Handler, Roll Clamp and etc.)
- › White padding tire
- › Comfortable seat with suspension adjustment.



Efficiency

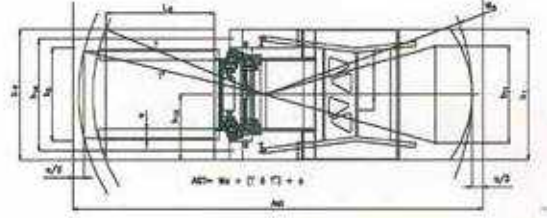
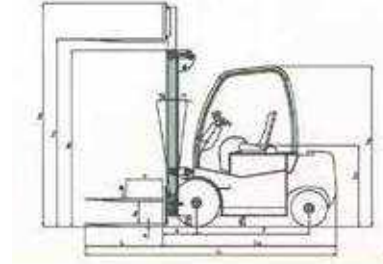
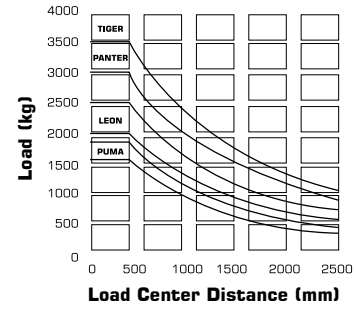
- › Brushless AC System propeller engines 80V / 2x10 kW
- › Brushless AC System pump engines 80V / 24 kW

Battery

- › 48V / 775 AH
- › Long - term used traction battery
- › Multifunctional LCD display
- › Digital Failure Reporting System
- › Protection system in risky situations
- › Warning system for maintenance time
- › Control system adjustable according to operating conditions (travel and hydraulic speeds, brake etc.)

GENERAL FEATURES	Model	TIGER BATTERY	
GENERAL FEATURES	Lifting Capacity	Q (t)	3,5
	Load Base	C (mm)	600
	Mirror Front Axle Distance	X (mm)	482
	Wheel Base	Y (mm)	1720
WEIGHT	Weight of Forklift Truck (With Standard Battery)	kg	6618
	Axle Load, Full-Load, Front / Rear	kg	8588 - 1087
	Axle Load, No-Load, Front / Rear	kg	2850 - 3325
	Tyres	SE	
TYRES	Front Tyre Size		27 x 10 - 12
	Rear Tyre Size		21 x 8-9
	Number of Tyres, Front / Rear		2x / 2
	Front Tyre Distance	b10 (mm)	1096
TYRES	Rear Tyre Distance	b11 (mm)	890
	Elevator Tilt Angle, Front / Rear	Grad	6 / 6
	Elevator Descending Height	h1 (mm)	2281
	Free Lift	h2 (mm)	150
	Lift Height	h3 (mm)	3306
	Elevator Outdoor Height	h4 (mm)	4024
	Operator Top Guard Height	h6 (mm)	2200
	Seat Height	h7 (mm)	1150
	Total Length	L1 (mm)	3742
	Length from Fork Front Face	L2 (mm)	2642
	Total Width	b1 (mm)	1370
	Fork Dimensions, Thickness, Width x Length	s/e/1 (mm)	45 x 125 x 1200
	Fork Handling Mirror Class		3A
	Fork Handling Mirror Width	b3 (mm)	1100
	Elevator's Ground Clearance, Loaded	m1 (mm)	150
PERFORMANCE	Ground Clearance of Chassis	m2 (mm)	150
	Working Aisle Width with Palette of 1000 x 1200	Ast (mm)	3956
	Working Aisle Width with Palette of 1200 x 800	Ast (mm)	4156
	Turning Radius	Wa (mm)	2274
	Travel Speed, Loaded / Unloaded	km / h	18,5 / 18,5
	Lifting Speed, Loaded / Unloaded	m / s	0,56 / 0,40
	Landing Speed, Loaded / Unloaded	m / s	0,48 / 0,46
	Climbing, Loaded / Unloaded	%	7,5 / 13
	Max. Climbing, Loaded / Unloaded	%	10 / 17,5
	Service Brake		Hydraulic / Electric
ELECTRIC MOTOR	Travel Motor Power	kW	2 x 10
	Lifting Motor Power	kW	24
	Battery Voltage, Capacity	V / Ah	80 / 775
INFORMATION	Battery Weight	kg	1863
	Driver Control Type		AC/ Inverter
	Operating Pressure for Attachment	bar	140
	Driver Sound Level	db (A)	65

Load Diagram



Modal	TIGER			
Super-elastic Tyre	27 x 10 - 12			
Front Tyre Distance	1096			
	Çatal Taşıma Ayna		Integral Side Shift	
	C (mm)	C (mm)	C (mm)	C (mm)
Two - Stage Elevator	600	700	600	700
	3500	3200	3250	3000
	3500	3200	3250	3000
	3500	3200	3250	3000
	3500	3200	3250	3000
	3500	3200	3250	3000
Two - Stage Free Lifting Elevator	3350	3200	3225	3000
	3500	3200	3250	3000
	3500	3200	3250	3000
	3500	3200	3250	3000
	3375	3200	3225	3000
	3100	3200	2950	2900
Three - Stage Free Lifting Elevator	3275	3200	3125	3000
	3025	2950	2875	2825
	2725	2600	2525	2475
	2275	2225	2175	2150
	1925	1900	1850	1825
	1625	1600	1550	1525

Type	Lifting Height	Free Lift	Elevator Descending Height	Elevator Outdoor Height	Elevator Tilt Angle, Front / Rear
	TIGER				
Two - Stage Elevator	3080	150	2168	3798	6 / 6
	3306 ¹	150	2281	4024	6 / 6
	3630	150	2443	4348	6 / 6
	3930	150	2753	4948	6 / 6
	4230	150	2893	5248	6 / 6
	4530	150	2893	5248	6 / 6
Two - Stage Free Lifting Elevator	3130	1415	2168	3883	6 / 6
	3350	1528	2281	4103	6 / 6
	3700	1705	2458	4453	6 / 6
	4100	1905	2658	4853	6 / 6
	4500	2105	2858	5253	6 / 6
	4900	2305	3058	5653	6 / 6
Three - Stage Free Lifting Elevator	4660	1415	2168	5413	6 / 6
	5000	1528	2281	5753	6 / 6
	5500	1705	2458	6253	6 / 6
	6000	1905	2658	6753	6 / 4
	6500	2105	2858	7253	6 / 4
	7000	2305	3058	7753	6 / 2



ELECTRIC PALLET STACKERS

ST SERIES

Stackers with great performances at any height

Pegasolift offers a full line of electric pallet stackers which have outstanding performances in terms of load/unload and residual capacity. These stackers are designed to fit different applications, within almost any type of industry. Our electric pallet stackers guarantee quality, low maintenance and affordable cost.

The range starts with W12 that has been recognized for the small dimensions and high manoeuvrability. PL family gives outstanding lifting capacity from 1.300 kg to 2.500 kg!

Pegasolift pallet stackers are the ideal solution to stack any type of goods at any height and through every path.

ELECTRIC PALLET STACKERS

W12



COLD STORE



Charging cable with
Schuko socket



Internal battery
charger with indicator



Small dimensions

1200 kg

Max lifting capacity

4,2 mt

Max lifting height

2/3 hr

Autonomy



Available in
inox version



More available versions:
coil transport



Main features

- › Pallet stacker with load capacity up to 1200 kg.
- › Lateral tiller, pedestrian controlled.
- › MOSFET electronic controller up to 24V 90A.
- › High frequency 24V 10A battery charger built-in.
- › Drive motor with permanent magnets system up to 24V 700W with electromagnetic brake.
- › Speed selector to operate with the tiller in the upright position.
- › Proportional control of descending speed of the forks.
- › LCD hours counter connected to the micro of the tiller.
- › Single front rollers.
- › Also available in SLG version with straddle legs gauge + FEM2
- › Battery charge indicator + block of the forks with flat battery
- › Hydraulic unit up to 24V 2200W with proportional electric descending valve.
- › Packing on wooden pallet included in the price.

Designed to be the most compact, handy and easy to use

The machine can operate also in small aisles and low passages thanks to mast compact in height and narrow steering radius. W12 is equipped with a handy storage compartment to host extensible plastic film for packing as well as other tools.

Optionals

- › Special dimensions
- › Inox version
- › Hydraulic equipment, spikes or coil transport
- › Rubber ring for traction wheel
- › Additional front protection grid
- › Full proportional control of the forks (lifting + descendings)
- › Cold store standing at -5°



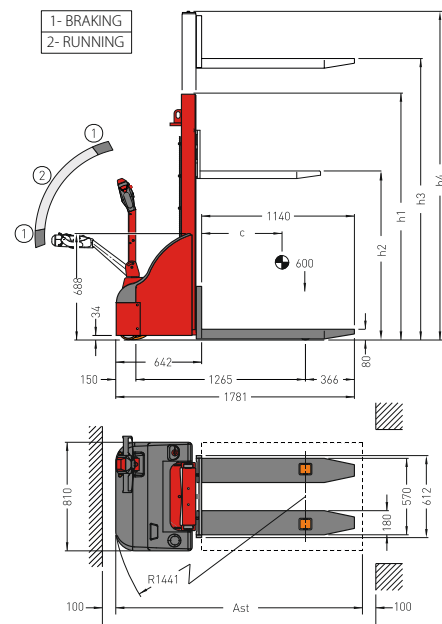
Technical specifications W12 - W12SLG

DISTINGUISH MARKS	1.2 Model	W12 W12SLG	
	1.3 Drive	Electric	
	1.4 Operator type	Pedestrian	
	1.5 Rated capacity/rated load	1200 kg	
	1.6 Load centre distance	600 mm	
WEIGHT	1.9 Wheel base	1265 mm	
	Net weight inc.battery-simplex mast	393 kg	
	Net weight inc.battery-duplex mast	511 kg	
WHEELS / CHASSIS	Net weight inc.battery-triplex mast	n.a.	
	3.1 Tyres	Polyurethane	
	3.2 Tyre size, at front	80 x 70	
	3.3 Tyre size, at rear	245 x 76	
	3.4 Additional wheels (dimensions)	150 x 40	
	3.5 Wheels, number front/rear (x=driven wheels)	1x + 1/2	
	3.6 Track width, front	480 mm 1280 mm	
BASIC DIMENSIONS	3.7 Track width, rear	560 mm	
	4.2 Mast height (lowered)	h1	see table A
	4.3 Free lift (GAL)	h2	see table A
	4.4 Lift	h3	see table A
	4.5 Extended mast height	h4	see table A
	4.15 Lowered height	80 mm 35 mm	
	4.19 Overall lenght	1781 mm 1896 mm	
	4.20 Length incl. back of forks	642 mm 696 mm	
	4.21 Total width	810 mm 1300 mm	
	4.22 Fork dimensions	180 x 70 x 1140 mm	
PERFORMANCE DATA	4.34 Aisle width	Ast	2041 mm 2096 mm
	4.35 Turning radius	R	1441 mm
	5.1 Travel speed, w. / w.o. load	4,2 / 5,1	
	5.2 Lift speed, w. / w.o. load	0,072 / 0,11	
	5.3 Lower speed, w. / w.o. load	0,38 / 0,11	
ELECTRIC ENGINE	5.8 Max. gradeability, laden / unladen	5%10%	
	5.10 Service brake	Electromagnetic	
	6.1 Drive motor rating	700W AC	
	6.2 Lift motor	2200W DC	
	6.4 Battery voltage	see table B	
	8.1 Drive control	MOSFET 24V 90A	
	8.4 Sound pressure level at driver's ear	65dB	

Table A - Mast available

Model	Lift h3 mm	Lowered mast height h1(mm)		Free lift h2(mm)		Extended mast height	
		W12	W12SLG	W12	W12SLG	W12	W12SLG
Simplex	1600	1905		n.a		1940	1970
Duplex	2900	1836		n.a		3252	3375
Duplex	3600	2185		n.a		3952	4075
Duplex	4200	2485		n.a		4552	4675

W12



W12 SLG version

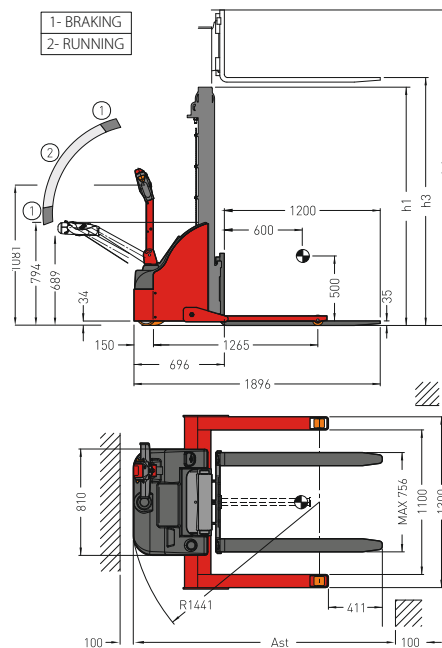


Table B - Residual capacity at the max lifting height

Model	Battery	Mast			
		1600S	2900D	3600D	4200D
W12	Traction battery Pb/Ac 2	1200 kg	850 kg	700 kg	450 kg
W12 SLG	x 12V 110Ah (55kg)				

ELECTRIC PALLET STACKERS


PL13-16-20

STANDARD & SLG

Li-Ion READY COLD STORE

AC DRIVE

ATEX


Quick battery change
(optional)

1300-1600-2000 kg
Max lifting capacity

6,3 mt
Max lifting height

8 ore
Autonomy



Customizable
forks and masts



Main features

- › Pallet stacker with load capacity up to 2000 kg.
- › Central tiller, pedestrian controlled.
- › AC electronic controller up to 24V 200A.
- › AC drive motor with series excite system up to 24V 1200W with electromagnetic brake.
- › Speed selector to operate with the tiller in the upright position.
- › Proportional control of descending speed of the forks.
- › Hydraulic unit up to 24V 3000W with proportional electric descending valve.
- › Automatic speed reduction with load lifted.

ELECTRIC PALLET STACKERS

PL 13-16-20 SPECIAL VERSIONS



PL with clamp ▼



Technical specifications PL13-16-20

DISTINGUISH MARKS	1.2	Model	PL13	PL16	PL20
	1.3	Drive	Electric		
	1.4	Operator type	Pedestrian		
	1.5	Rated capacity/rated load	1300 kg	1600 kg	2000 kg
	1.6	Load centre distance	600 mm		
	1.9	Wheel base	1295 mm		
WEIGHT	2.1	Net weight - simplex mast	505 kg	530 kg	866 kg
		Net weight - duplex mast	694kg	719 kg	891 kg
		Net weight - triplex mast	926 kg	951 kg	1135 kg
WHEELS / CHASSIS	3.1	Tyres	Polyurethane		
	3.2	Tyre size, at front	85 x 90		
	3.3	Tyre size, at rear	250 x 79		
	3.4	Additional wheels (dimensions)	150 x 50		
	3.5	Wheels, number front/rear (x=driven wheels)	2 + 2 / 1x + 1		
	3.6	Track width, front	480 mm		
	3.7	Track width, rear	560 mm		
BASIC DIMENSIONS	4.2	Mast height (lowered)	h1	see table A	
	4.3	Free lift (GAL)	h2	see table A	
	4.4	Lift	h3	see table A	
	4.5	Extended mast height	h4	see table A	
	4.15	Lowered height	90 mm		
	4.19	Overall lenght	1872 mm		
	4.20	Length incl. back of forks	732 mm		
	4.21	Total width	820 mm		
	4.22	Fork dimensions	180 x 70 x 1140 mm		200 x 70 x 1140 mm
	4.34	Aisle width	Ast	2135 mm	
	4.35	Turning radius	R	1566 mm	
PERFORMANCE DATA	5.1	Travel speed, w. / w.o. load	5,5 / 6,0		
	5.2	Lift speed, w. / w.o. load	0,10 / 0,12		
	5.3	Lower speed, w. / w.o. load	0,13 / 0,09		
	5.8	Max. gradeability, laden / unladen	3%, 6% - 4%, 7%		
	5.10	Service brake	Electromagnetic		
ELECTRIC ENGINE	6.1	Drive motor rating	1200W AC		
	6.2	Lift motor	3000W DC		
	6.4	Battery voltage	see table B		
	8.1	Drive control	AC 24V 250A		
	8.4	Sound pressure level at driver's ear	65dB		

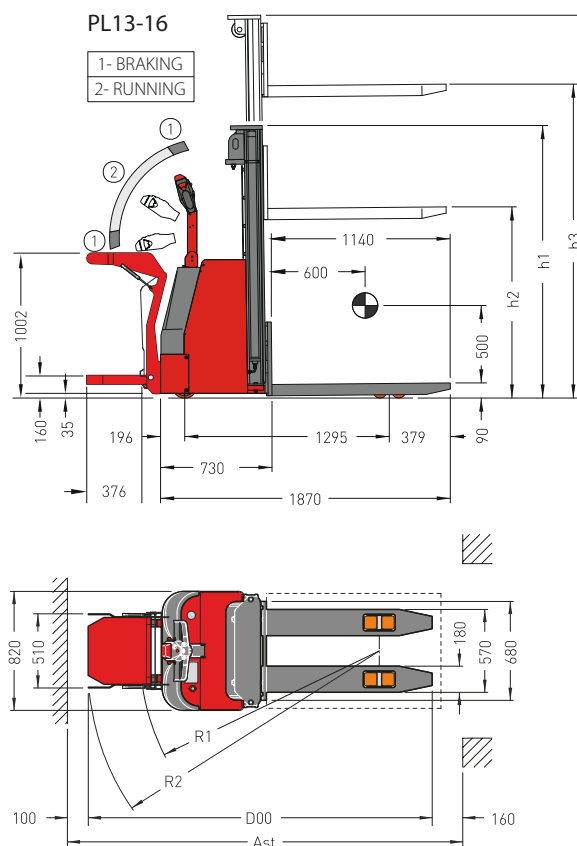


Table A - Available masts

Model	Lift h3 mm	Lowered mast height h1(mm)			Free lift h2(mm)			Extended mast height		
		PL13	PL16	PL20	PL13	PL16	PL20	PL13	PL16	PL20
Simplex	1600		1990		n.d.	n.d.	n.d.	1600	1600	n.d.
Duplex	2900		1945		n.d.	n.d.	n.d.	3350	3350	3350
Duplex	3600		2295		1745	1745	1800	4050	4050	4050
Triplex	3800		1885		1420	1420	1420	4350	4350	4350
Triplex	4500		2130		1580	1580	1635	5070	5070	5070
Triplex	5500		2462		1912	1912	1967	6070	6070	6070

Tabella B - Residual capacity at the max lifting height

Model	Battery	Mast	Mast	Mast 3600	Mast	Mast	Mast
		1600 Simplex	2900 Duplex	Duplex	3800 Triplex	4500 Triplex	5500 Triplex
PL13	Traction battery 24V 240Ah (219 kg)	1300 kg	1155 kg	880 kg	n.a.	n.a.	n.a.
	Traction battery 24V 270Ah (251 kg)	1300 kg	1190 kg	915 kg	1095 kg	955 kg	705 kg
	Traction battery 24V 315Ah (288 kg)	1300 kg	1220 kg	940 kg	1104 kg	970 kg	725 kg
PL16	Traction battery 24V 240Ah (219 kg)	1600 kg	1250 kg	960 kg	n.a.	n.a.	n.a.
	Traction battery 24V 270Ah (251 kg)	1600 kg	1300 kg	1000 kg	1200 kg	1083 kg	800 kg
	Traction battery 24V 315Ah (288 kg)	2000 kg	1345 kg	1030 kg	1240 kg	1098 kg	820 kg
PL20	Traction battery 24V 240Ah (219 kg)	2000 kg	1505 kg	1175 kg	n.a.	n.a.	n.a.
	Traction battery 24V 270Ah (251 kg)	2000 kg	1535 kg	1200 kg	1578 kg	1350 kg	1050 kg
	Traction battery 24V 315Ah (288 kg)	2000 kg	1570 kg	1235 kg	1570 kg	1365 kg	1070 kg

Technical specifications PL13-16-20 SLG

DISTINGUISH MARKS	1.2	Model	PL13 SLG	PL16 SLG	PL20 SLG
	1.3	Drive	Electric		
	1.4	Operator type	Pedestrian		
	1.5	Rated capacity/rated load	1300 kg	1600 kg	2000 kg
	1.6	Load centre distance	600 mm		
WEIGHT	1.9	Wheel base	1295 mm		
	2.1	Net weight - simplex mast	505 kg	530 kg	866 kg
		Net weight - duplex mast	694kg	719 kg	891 kg
		Net weight - triplex mast	926 kg	951 kg	1135 kg
WHEELS / CHASSIS	3.1	Tyres	Rubber		
	3.2	Tyre size, at front	85 x 90		
	3.3	Tyre size, at rear	250 x 79		
	3.4	Additional wheels (dimensions)	150 x 50		
	3.5	Wheels, number front/rear (x=driven wheels)	2 + 2 / 1x + 1		
	3.6	Track width, front	480 mm		
	3.7	Track width, rear	560 mm		
BASIC DIMENSIONS	4.2	Mast height (lowered)	h1	see table A	
	4.3	Free lift (GAL)	h2	see table A	
	4.4	Lift	h3	see table A	
	4.5	Extended mast height	h4	see table A	
	4.15	Lowered height	90 mm		
	4.19	Overall lenght	1872 mm		
	4.20	Length incl. back of forks	732 mm		
	4.21	Total width	820 mm		
	4.22	Fork dimensions	180 x 70 x 1140 mm	200 x 70 x 1140 mm	
	4.34	Aisle width	Ast	2135 mm	
4.35	Turning radius	R	1566 mm		
PERFORMANCE DATA	5.1	Travel speed, w. / w.o. load	5,5 / 6,0		
	5.2	Lift speed, w. / w.o. load	0,10 / 0,12		
	5.3	Lower speed, w. / w.o. load	0,13 / 0,09		
	5.8	Max. gradeability, laden / unladen	3%, 6% - 4%, 7%		
	5.10	Service brake	Electromagnetic		
ELECTRIC ENGINE	6.1	Drive motor rating	1200W AC		
	6.2	Lift motor	3000W DC		
	6.4	Battery voltage	see table B		
	8.1	Drive control	AC 24V 250A		
	8.4	Sound pressure level at driver's ear	65dB		

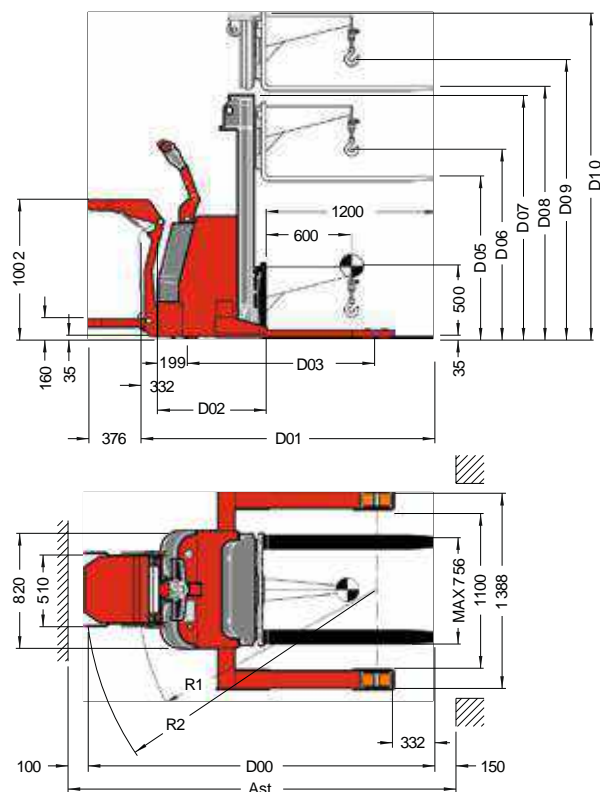


Table A - Mast available

Model	Lift h3 mm	Lowered mast height h1(mm)			Free lift h2(mm)			Extended mast height		
		PL13 SLG	PL16 SLG	PL20 SLG	PL13	PL16	PL20	PL13	PL16	PL20
Simplex	1600	1990	1990	1990	n.a.	n.a.	n.a.	1600	1600	n.d.
Duplex	2900	1945	1945	1942	n.a.	n.a.	n.a.	3350	3350	3350
Duplex	3600	2295	2295	2292	1745	1745	1745	4050	4050	4050
Triplex	3800	1885	1885	1885	1420	1420	1420	4350	4350	4350
Triplex	4500	2130	2130	2130	1580	1580	1580	5070	5070	5070
Triplex	5500	2462	2462	2461	1912	1912	1912	6070	6070	6070

Table B - Residual capacity at the max lifting height

Model	Battery	Mast 1600 Simplex	Mast 2900 Duplex	Mast 3600 Duplex	Mast 3800 Triplex	Mast 4500 Triplex	Mast 5500 Triplex
PL13	Traction battery 24V 240Ah (219 kg)	1300 kg	1155 kg	880 kg	n.a.	n.a.	n.a.
	Traction battery 24V 270Ah (251 kg)	1300 kg	1190 kg	915 kg	1095 kg	955 kg	705 kg
	Traction battery 24V 315Ah (288 kg)	1300 kg	1220 kg	940 kg	1104 kg	970 kg	725 kg
PL16	Traction battery 24V 240Ah (219 kg)	1600 kg	1250 kg	960 kg	n.a.	n.a.	n.a.
	Traction battery 24V 270Ah (251 kg)	1600 kg	1300 kg	1000 kg	1200 kg	1083 kg	800 kg
	Traction battery 24V 315Ah (288 kg)	2000 kg	1345 kg	1030 kg	1240 kg	1098 kg	820 kg
PL20	Traction battery 24V 240Ah (219 kg)	2000 kg	1505 kg	1175 kg	n.a.	n.a.	n.a.
	Traction battery 24V 270Ah (251 kg)	2000 kg	1535 kg	1200 kg	1570 kg	1350 kg	1050 kg
	Traction battery 24V 315Ah (288 kg)	2000 kg	1570 kg	1235 kg	1578 kg	1365 kg	1070 kg

ELECTRIC PALLET STACKERS

PL16/63T

Li-Ion READY

COLD STORE

ATEX

AC DRIVE



Quick battery change
(optional)



Professional use

1600 kg

Max lifting capacity

6,3 mt

Max lifting height

8 ore

Autonomy



Customizable
forks / masts



More available versions: coil
transport, clamp and shifter,
additional hydraulic outputs

Main features

- › Pallet stacker with load capacity up to 1600 kg.
- › Central tiller, pedestrian controlled.
- › AC electronic controller up to 24V 200A.
- › AC drive motor with series excite system up to 24V 1200W with electromagnetic brake.
- › Speed selector to operate with the tiller in the upright position.
- › Proportional control of descending speed of the forks.
- › High free lift
- › Hydraulic unit up to 24V 3000W with proportional electric descending valve.
- › Automatic speed reduction with load lifted.
- › Double front rollers.
- › Battery charge indicator with LCD hours counter
- › Also available in PLATFORM version with platform for driver operator - max travel speed 6 km/h.
- › Also available in SLG version with straddle legs gauge + FEM2.
- › Packing on wooden pallet included in the price.

Agile and powerful. Reach the highest warehouse positions.

PL 16/63T is capable to perform any work between racks, warehouses and lofts and can achieve significant lifting heights.

Optionals

- › Quick battery change
- › Rubber ring for traction wheel
- › Additional front protection grid
- › Additional hydraulic functions:
 - Proportional control for forks lifting or quick forks lifting pump (not combined together)
- › Switch to limit max lifting height
- › Automatic topping for battery,
- complete with tank and pipes
- › Heavy duty pack (rear metal cover, Vulkolan ring, reinforced support wheel)
- › Double commands on tiller head (only available for proportional command)
- › Cold store version protection at -30°

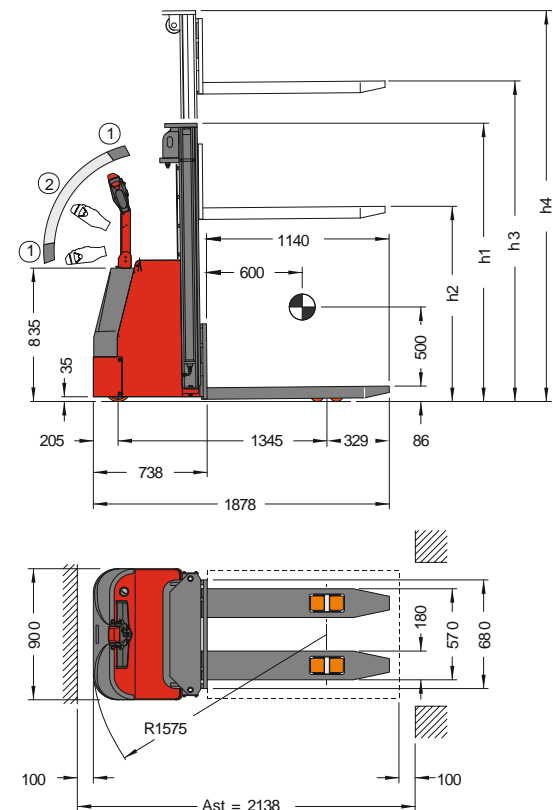


Technical specifications PL16/63T

DISTINGUISH MARKS	1.2	Model	PL16/63T
	1.3	Drive	Electric
	1.4	Operator type	Pedestrian
	1.5	Rated capacity/rated load	1600 kg
	1.6	Load centre distance	600 mm
WEIGHT	1.9	Wheel base	1345 mm
	2.1	Net weight inc.battery-simplex mast	n.a.
		Net weight inc.battery-duplex mast	n.a.
		Net weight inc.battery-triplex mast	1203 kg
	3.1	Tyres	Rubber
WHEELS / CHASSIS	3.2	Tyre size, at front	85 x 90
	3.3	Tyre size, at rear	250 x 79
	3.4	Additional wheels (dimensions)	150 x 50
	3.5	Wheels, number front/rear (x=driven wheels)	2 + 2 / 1x+1
	3.6	Track width, front	480 mm
BASIC DIMENSIONS	3.7	Track width, rear	560 mm
	4.2	Mast height (lowered)	h1 2728 mm
	4.3	Free lift (GAL)	h2 2233 mm
	4.4	Lift	h3 6300 mm
	4.5	Extended mast height	h4 6870 mm
	4.15	Lowered height	86 mm
	4.19	Overall length	1878 mm
	4.20	Length incl. back of forks	738 mm
	4.21	Total width	900 mm
	4.22	Fork dimensions	180 x 1140 x 80 mm
	4.34	Aisle width	Ast 2138 mm
	4.35	Turning radius	R 1575 mm
PERFORMANCE DATA	5.1	Travel speed, w. / w.o. load	5,5 / 6,0
	5.2	Lift speed, w. / w.o. load	0,10 / 0,12
	5.3	Lower speed, w. / w.o. load	0,13 / 0,09
	5.8	Max. gradeability, laden / unladen	8% 16%
ELECTRIC ENGINE	5.10	Service brake	Electromagnetic
	6.1	Drive motor rating	1200W AC
	6.2	Lift motor	3000W DC
	6.4	Battery voltage	24V 315Ah/5h
	8.1	Drive control	24V 200A
	8.4	Sound pressure level at driver's ear	65dB

PL 16/63T

- 1- BRAKING
- 2- RUNNING



Mast available				
Model	Lift h3 mm	Lowered mast height h1 (mm)	Free lift h2 (mm)	Extended mast height h4 (mm)
Triplex	6300	2728	2233	6870

Residual capacity at the max lifting height		
Model	Battery	Mast 6300T
PL16/63T	Traction battery Pb/ac 24V 315Ah (288 kg)	590 kg
	Traction battery GEL 24V 285Ah (250 kg)	530 kg

ELECTRIC PALLET STACKERS

OP20

Li-Ion READY

AC DRIVE

COLD STORE



Internal battery
charger with indicator



Professional use



Safety kit

500 kg

Max lifting capacity

6 mt

Max lifting height



Notified
by certified body



Main features

- › Operator have the control of the lifting and descending only inside the platform (and not to drive the machine).
- › Flash lamp
- › Beeper
- › Heavy duty solution for pick up goods from shelves in public shops
- › Disabled traction with operator in the cabin
- › Central tiller, pedestrian controlled.

Pick up directly from the shelves.

OP20 is the Pegasolift Order Picker that comes from the growing need to pick up goods directly from the shelf by the operator on board. Order picker s provided by a safety retaining kit that is placed inside the cabin. The operator can, with the stacker OP20, reach safely the goods positioned also on very high shelves, load them in the cabin and go back down to the customer that required that specific item.

Optionals

- › Additional front shelf
- › Automatic topping for battery complete with tank and pipes
- › Additional operator safety kit (first already included)



Technical specifications OP20

Technical features of the operator platform

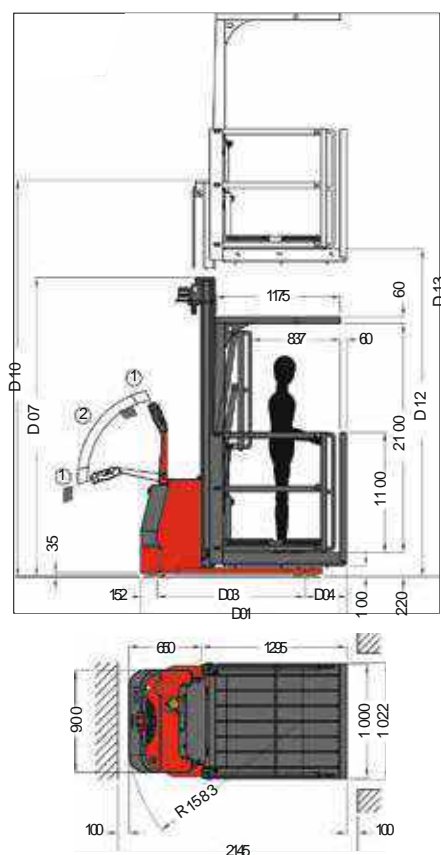
- › Lateral doors with parallelogram opening system.
- › Front of the operator cabin closed.
- › Protection roof for the operator.
- › Internal control panel with: lift/descending buttons + emergency button + selector platform/truck.

- › Total capacity of the operator platform (operator+goods) of 500 kg
- › Two emergency solutions are available in case of failure (with cabin lifted up):
 - emergency kit in the cabin
 - emergency button under the rear bonnet of the machine

Model	OP20/40	OP20/50	OP20/60
Total external dimensions of operator platform (LxWxH)	1200 x 1000 x 2100 mm		
Nominal capacity (operators +goods)	500 kg	400 kg	300 kg
Mast type	Duplex	Triplex	Triplex
Weight (without battery)	1934 kg	2110 kg	2152 kg
Extended mast height	D10 4631 mm	5697 mm	6696 mm
Mast lowered height	D07 2741 mm	2509 mm	2842 mm
Platform lifting height	D12 4000 mm	5000 mm	6000 mm
Max overall height	D13 6160 mm	7160 mm	8160 mm
Distance between front axle and forke toe	D04	394 mm	
Distance between axles	D03	1399 mm	
Total lenght	D01	1945 mm	
Batery box size (WxLxH)	220 x 808 x 565 mm		
Travel speed, w. / w.o. load	5,0 - 6,0 km/h		
Lift speed(only with operator)	0,16 m/s		
Lower speed, w. / w.o. load	0,28 m/s		
Max. gradeability, w. / w.o. load	5,0 %		
Max. planarity, error on the floor	1,0 %		
Double front rollers size	n°2+2 ø 85 x 90 (polyurethane)		
Rear wheel size	ø 230 x 75 - ø 150 x 50 (polyurethane)		
Brake	Electromagnetic		
Traction motor power alternate current (AC)	1200 W		
Pump motor power direct current (DC)	3000 W		
Electronic controller alternate current (AC)	24V 250A		

OP20

- 1- BRAKING
- 2- RUNNING



Traction batteries and charges available				
Traction battery 24V 240Ah/5h	260 kg	+	external battery charger 24V 50A	
Traction battery 24V 315Ah/5h	260 kg	+	external battery charger 24V 50A	
Traction battery 24V 345Ah/5h	275 kg	+	external battery charger 24V 60A	
Traction battery 24V 375Ah/5h	290 kg	+	external battery charger 24V 60A	

Gel batteries and charges available				
GEL traction battery 24V 285Ah/5h	260 kg	+	external battery charger	
GEL traction battery 24V 330Ah/5h	285 kg	+	external battery charger	



ELECTRIC PALLET TRUCKS

TPL SERIES

Pallet trucks with small sizes, power and reliability.

The wide range of Pegasolift electric pallet trucks allows you to find the right machine for the needs of each client.

Pegasolift pallet trucks are a combination of small sizes with power and reliability.

Our pallet trucks allow to move loads from 1400 kg to 3000kg in complete safety for the operator.

Various available optionals allow to client to customize the pallet trucks to better meet the needs of material handling.

Platform versions ensure operator comfort and safety even when traveling on long distances.

ELECTRIC PALLET TRUCK

T14



Charging cable with
Schuko socket



Internal battery
charger with indicator



Professional use

1400 kg

Max lifting capacity

120 mm

Max lifting height

2-3 hr

Autonomy



Available
also in inox
version



Available
more versions:
coil transport



Customizable
forks

650 mm

400 mm

Main features

- › Pallet truck with a load capacity up to 1600 kg.
- › Central tiller, pedestrian controlled.
- › MOSFET electronic controller up to 24V 90A.
- › High frequency 24V 10A battery charger built-in.
- › Drive motor with permanent magnets system up to 24V 700W with electromagnetic brake.
- › Hydraulic unit up to 24V 800W with electric descending valve.
- › Battery charge indicator + block of the forks with flat battery.
- › LCD hour counter
- › Single front rollers.
- › Speed selector to operate with the tiller in the upright position.
- › Forks: length of 1150 mm and section of 160×50 mm, track 550 mm, height of the lowered forks 75 mm, lifting height of 120 mm (available custom dimensions)
- › Packing on wooden pallet included in the price.

Small dimensions, great performance.

T14 is a PEGASOLIFT electric pallet truck with small dimensions and great performances. It is the right pallet truck to be used on trucks or in any environment with small spaces and it requires low maintenance. Components compartment easily accessible. Equipped with slow / fast speed selector and with LCD hour counter with battery indicator. Lock of lifting with flat battery function. The internal battery charger allow the charging cycle using a normal shuko socket AC 220V.



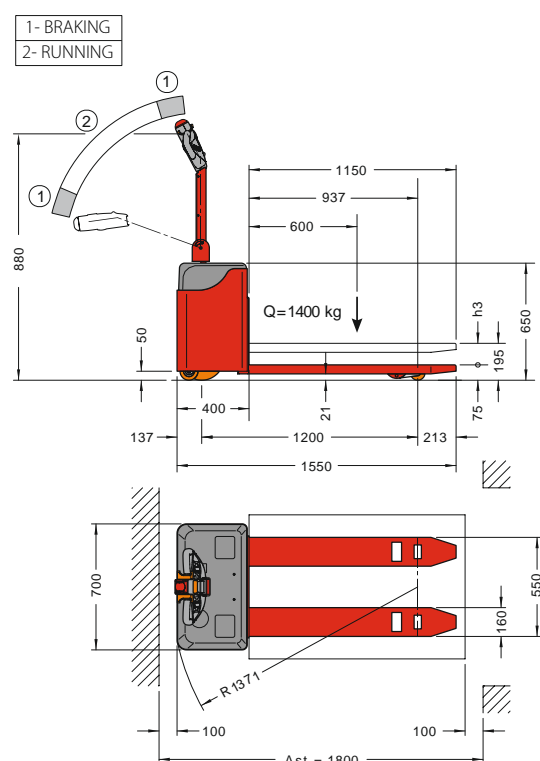
Technical specifications T14

DISTINGUISH MARKS	1.2	Model	T14
	1.3	Drive	Electric
	1.4	Operator type	Pedestrian
	1.5	Rated capacity/rated load	1500 kg
	1.6	Load centre distance	600 mm
	1.9	Wheel base	1200 mm
WEIGHT	2.1	Weight incl. battery	237 kg
WHEELS / CHASSIS	3.1	Tyres	Polyurethane
	3.2	Tyre size, at front	70 x 70
	3.3	Tyre size, at rear	245 x 76
	3.4	Additional wheels (dimensions)	100 x 40
	3.5	Wheels, number front/rear (x=driven wheels)	1x + 1/2
	3.6	Track width, front	480 mm
	3.7	Track width, rear	560 mm
BASIC DIMENSIONS	4.4	Lift	h3
	4.9	Height or tiller in drive position min./max	h14 880 / 1368 mm
	4.15	Lowered height	75 mm
	4.19	Overall length	1550 mm
	4.20	Length incl. back of forks	400 mm
	4.21	Total width	700 mm
	4.22	Fork dimensions	160 x 35 x 1150 mm
	4.34	Aisle width Ast	1800 mm
	4.35	Turning radius R	1371 mm
	5.1	Travel speed, w. / w.o. load km/h	4,2 / 5,1
PERFORMANCE DATA	5.2	Lift speed, w. / w.o. load	0,072 / 0,11
	5.3	Lower speed, w. / w.o. load	0,38 / 0,11
	5.8	Max. gradeability, laden / unladen	5% 10%
	5.10	Service brake	Electromagnetic
ELECTRIC ENGINE	6.1	Drive motor rating	700W AC
	6.2	Lift motor	800W DC
	6.4	Battery voltage	see table
	8.1	Drive control	MOSFET 24 V 90A
	8.4	Sound pressure level at driver's ear	65dB

Available batteries	
Model	Battery
T14	Traction battery Pb/Ac 24V 110Ah Built-in battery charger 24V 10Ah



T14



Designed to work in small aisles and limited environment.

COMPACT 16-18-20 are pallet trucks, designed to work in limited environment which allows excellent manoeuvrability even at full load, thanks to its powerful motor and compact dimensions.

Optionals

- › Double front roller
- › Rubber ring for traction wheel
- › Cold store version protection at -30° (external battery charger)



Technical specifications COMPACT20

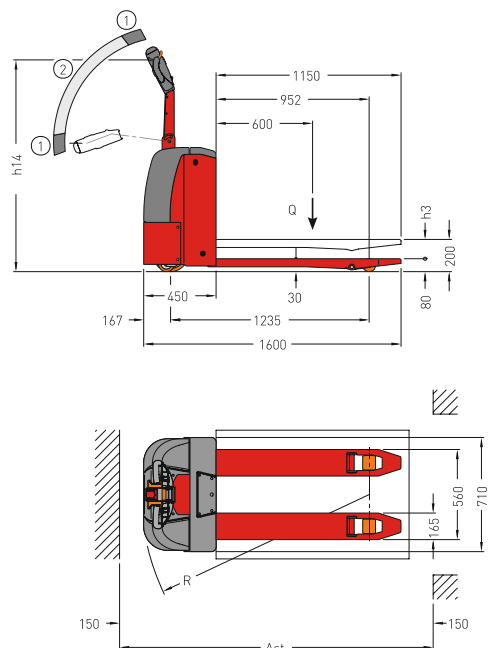
DISTINGUISH MARKS	1.2	Model	COMPACT20
	1.3	Drive	Electric
	1.4	Operator type	Pedestrian
	1.5	Rated capacity/rated load	2000 kg
	1.6	Load centre distance	600 mm
	1.9	Wheel base	1235 mm
WEIGHT	2.1	Weight incl. battery	349 kg
WHEELS / CHASSIS	3.1	Tyres	Polyurethane
	3.2	Tyre size, at front	2 x 80 x 70
	3.3	Tyre size, at rear	245 x 76
	3.4	Additional wheels (dimensions)	100 x 40
	3.5	Wheels, number front/rear (x=traction wheels)	2+2 / 1x + 1
	3.6	Track width, front	480 mm
	3.7	Track width, rear	560 mm
BASIC DIMENSIONS	4.4	Lift	h3 120 mm
	4.9	Height or tiller in drive position min./max	h14 798 / 1316 mm
	4.15	Lowered height	80 mm
	4.19	Overall length	1600 mm
	4.20	Length incl. back of forks	450 mm
	4.21	Total width	710 mm
	4.22	Fork dimensions	165 x 50 x 1150 mm
	4.34	Aisle width	Ast 1850 mm
	4.35	Turning radius	R 1417 mm
	5.1	Travel speed, w. / w.o. load	km/h 4,2 / 5,1
PERFORMANCE DATA	5.2	Lift speed, w. / w.o. load	0,072 / 0,11
	5.3	Lower speed, w. / w.o. load	0,38 / 0,11
	5.8	Max. gradeability, laden / unladen	5% 10%
ELECTRIC ENGINE	5.10	Service brake	Electromagnetic
	6.1	Drive motor rating	1200W DC
	6.2	Lift motor	800W DC
	6.4	Battery voltage	see table
	8.1	Drive control	MOSFET 24 V 200A
	8.4	Sound pressure level at driver's ear	65dB

Available batteries	
Model	Battery
COMPACT 20	Traction battery Pb/Ac24V 150Ah Built-in battery charger 24V 20Ah



COMPACT 18-20

- 1- BRAKING
- 2- RUNNING



MANUAL PALLET TRUCKS

MPT25



2500 kg
Max lifting capacity



Main features

- › The pallet truck's chassis is made of a metal sheet of 4 mm in thickness.
- › The forks are supported by profiles. The reason is to eliminate the bending that may happen on the forks and, support the hydraulic system.
- › There is a strengthened hydraulic system intended to support the carrying capacity of the pallet truck (2000-2200-2500 kgs).
- › There is a protective central valve mechanism that automatically turns off the system when the hydraulic system is overloaded.
- › The oil that is used in the hydraulic system is Shell Tellus 27 or Shell Tellus 37 motor oil. The oil capacity of the hydraulic system is 200-250 grs.
- › There is a grinded piston conforming to the European standards. This prevents the felts from

being worn and, increases the useful life of the hydraulic system.

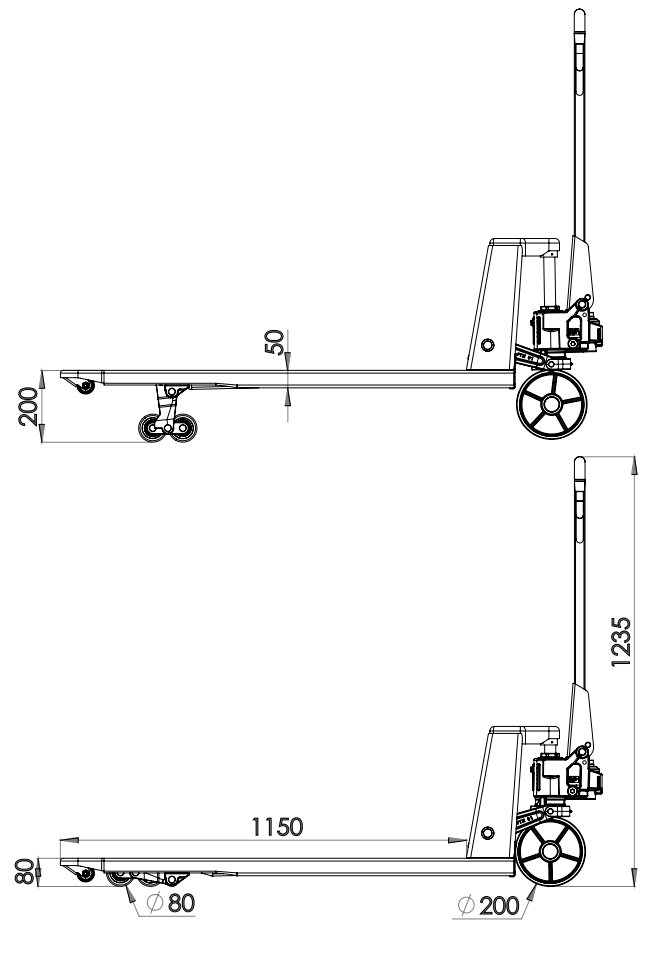
- › Control system adjustable according to operating conditions (travel and hydraulic speeds, brake, etc.)

- › The length of the pulling/pushing lever is at standards and, the controlling stick is positioned on the lever according to the occupational security.
- › Safe driving mode when cornering
- › Digital failure reporting system
- › Warning system in risky situations
- › Warning system for maintenance time

Two Types of Tyre Option

There are two types of tires used in a pallet truck:

- › Polyurethane Rubber Tires Used to operate on hard, even floors. Not collapsed when operating under full load. Ball bearings inside the tires are of self-lubricating and covered. Not affected by corrosion (dust, rust, dirt etc.), not require lubricating. There are double ball bearings inside each of the tires.
- › Polyamide Tires (Black/White) Used to operate on hard and uneven floors. Recommended using in hygienic environments. Not affected by corrosion (dust, rust, dirt etc.), not require lubricating. There are double ball bearings inside each of the tires.





ELECTRIC INOX PALLET STACKERS

W10 INOX



Charging cable with
Schuko socket



Internal charger with
indicator



Inox AISI 304



Easy water jet clean
IP56 protection

1000 kg

Max lifting capacity

2-3 hr

Autonomy



Customizable
forks



Main features

- › Pallet stacker with load capacity up to 1000 kg.
- › Chassis, masts and forks completely in INOX AISI304 steel.
- › Pins, waterproof bearing and chain in INOX AISI304 steel.
- › Single lifting jack in INOX AISI304 steel.
- › Class H1 hydraulic oil suitable for use in the alimentary sector.
- › Lateral tiller, pedestrian controlled.
- › MOSFET electronic controller up to 24V 90A
- › High frequency 24V 10A battery charger built-in.
- › Hydraulic unit up to 24V 2200W with proportional electric lifting + descending valves.
- › Component box cover (electronic controller, hydraulic unit, battery charger, batteries) made of INOX AISI 304 steel with IP56 protection level.
- › Drive motor with permanent magnets system up to 24V 700W with electromagnetic brake.
- › Mast protection in stainless steel net.
- › Drive wheel ring in rubber.
- › Speed selector to operate with the tiller in the upright position.
- › IP54 tiller head.
- › Switch to operate with the tiller in the upright position.
- › Proportional control of lifting + descending speed of the forks.
- › LCD hours counter connected to the micro of the tiller.
- › Automatic speed reduction with load lifted.
- › Battery charge indicator + block of the forks with flat battery.
- › Suitable for cold store standing at -5°C.
- › Single front rollers in nylon covered of polyurethane with bearing in INOX AISI304 steel.
- › IP54 drive wheel in anti-corrosion aluminium with motor and electromagnetic brake protections in INOX AISI304 steel.
- › Castor wheel with support in INOX AISI304 steel and with wheel in nylon and covered of polyurethane.
- › Packing on wooden pallet included in the price.

ELECTRIC INOX PALLET STACKERS

PL13-16 INOX



Quick battery change
(optional)



Inox AISI 304



Easy water jet clean
IP56 protection

1300-1600 kg

Max lifting height

8 hr

Autonomy



Customizable
forks



Available more version
coil transport, platform,
weighing



Main features

- › Pallet stacker with load capacity up to 1600 kg.
- › Chassis, masts and forks completely in INOX AISI304 steel.
- › Pins, waterproof bearing and chain in INOX AISI304 steel.
- › Lifting jacks in INOX AISI304 steel.
- › Class H1 hydraulic oil suitable for use in the alimentary sector.
- › Central tiller, pedestrian controlled.
- › AC electronic controller up to 24V 250A.
- › Hydraulic unit up to 24V 3000W with proportional electric descending valve.
- › Component box cover (electronic controller, hydraulic unit, battery charger, batteries) made of INOX AISI 304 steel with IP56 protection level.
- › AC drive motor with series excite system up to 24V 1200W with electromagnetic brake.
- › Mast protection in stainless steel net.
- › Drive wheel ring in trail-proof soft polyurethane.
- › Speed selector to operate with the tiller in the upright position.
- › IP54 tiller head.
- › Switch to operate with the tiller in the upright position.
- › Proportional control of lifting + descending speed of the forks.
- › LCD hours counter connected to the micro of the tiller.
- › Automatic speed reduction with load lifted.
- › Battery charge indicator.
- › Castor wheel with support in INOX AISI304 steel and with wheel in nylon and covered of polyurethane.
- › Double front rollers in nylon covered of polyurethane with bearing in INOX AISI304 steel.
- › IP54 drive wheel in stainless steel and brake protections in INOX AISI304 steel.
- › Suitable for cold store standing at -5°C.
- › Packing on wooden pallet included in the price.

Customizable inox pallet stacker

PL16 INOX is teh pallet stacker built in stainless steel inox AISI 304 for handling of di pharmaceutical, chemical goods and food. It is supplied with IP56 protection grade for easy water clean jet. It is available in atex and coil transport version with customizable forks dimensions.

Optionals

- › Additional front protection grid
- › Switch to limit max lifting height



Technical specifications PL13-16 INOX

DISTINGUISH MARKS	1.2 Model	PL13 INOX	PL16 INOX
	1.3 Drive	Electric	
	1.4 Operator type	Pedestrian	
	1.5 Rated capacity/rated load	1300 kg	1600 kg
	1.6 Load centre distance	600 mm	
WEIGHT	1.9 Wheel base	1345 mm	
	Net weight inc.battery simplex mast	505 kg	530 kg
	2.1 Net weight inc.battery duplex mast	694 kg	719 kg
	Net weight inc.battery triplex mast	972 kg	1038 kg
	3.1 Tyres	Soft polyurethane	
WHEELS / CHASSIS	3.2 Tyre size, at front	80 x 70	85 x 90
	3.3 Tyre size, at rear	250 x 79	
	3.4 Additional wheels (dimensions)	150 x 50	
	3.5 Wheels, number front/rear (x=traction wheels)	2 + 2 / 1x + 1	
	3.6 Track width, front	480 mm	
BASIC DIMENSIONS	3.7 Track width, rear	560 mm	
	4.2 Mast height (lowered)	h1	see table A
	4.3 Free lift (GAL)	h2	see table A
	4.4 Lift	h3	see table A
	4.5 Extended mast height	h4	see table A
PERFORMANCE DATA	4.15 Lowered height	86 mm	88 mm
	4.19 Overall length	1872 mm	
	4.20 Length incl. back of forks	732 mm	
	4.21 Total width	820 mm	
	4.22 Forks dimensions	180 x 80 x 1140 mm	
ELECTRIC ENGINE	4.34 Aisle width	Ast	2132 mm
	4.35 Turning radius	R	1566 mm
	5.1 Travel speed, w. / w.o. load	km/h	5,5 / 6,0
	5.2 Lift speed, w. / w.o. load	0,10 / 0,12	
	5.3 Lower speed, w. / w.o. load	0,13 / 0,09	
	5.8 Max. gradeability, laden / unladen	8% 16%	9% 18%
	5.10 Service brake	Electromagnetic	
	6.1 Drive motor rating	1200W AC	
	6.2 Lift motor	3000W DC	
	6.4 Battery voltage	see table B	
	8.1 Drive control	MOSFET 24 V 250A	
	8.4 Sound pressure level at driver's ear	65dB	

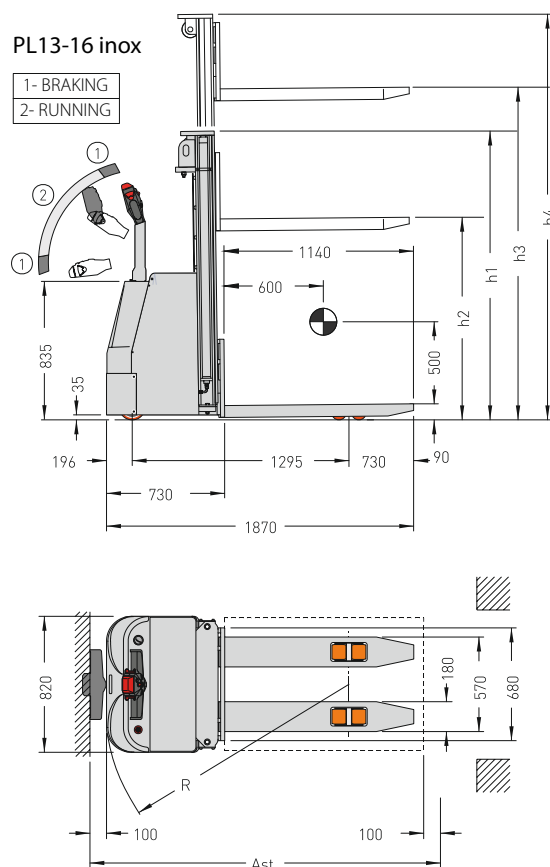


Table A - Mast available				
Model	Lift h3 mm	Lowered mast height h1(mm)	Free lift h2(mm)	Extended mast height
		PL13-16 INOX	PL13-16 INOX	PL13-16 INOX
Simplex	1600	2050	n.a	2060
Duplex	2900	2005	n.a	3410
	3600	2355	1800	4110
Triplex	3800	1945	1420	4420
	4500	2180	1655	5120

Table B - Residual capacity at the max lifting height

Model	Battery	Mast 1600S	Mast 2900D	Mast 3600D	Mast 3800T	Mast 4500T
PL13 INOX	Traction battery Gel 24V 174Ah	1300 kg	1110 kg	830 kg	n.a.	n.a.
	Traction battery Gel 24V 225Ah	1300 kg	1155 kg	880 kg	n.a.	n.a.
	Traction battery Gel 24V 261Ah	1300 kg	1190 kg	915 kg	1095 kg	955 kg
	Traction battery Gel 24V 285Ah	1300 kg	1220 kg	940 kg	1105 kg	970 kg
PL16 INOX	Traction battery Gel 24V 174Ah	1600 kg	1210 kg	915 kg	n.a.	n.a.
	Traction battery Gel 24V 225Ah	1600 kg	1250 kg	960 kg	n.a.	n.a.
	Traction battery Gel 24V 261Ah	1600 kg	1300 kg	1000 kg	1225 kg	1083 kg
	Traction battery Gel 24V 285Ah	1600 kg	1345 kg	1030 kg	1240 kg	1098 kg

ELECTRIC INOX PALLET TRUCKS

T14 INOX



Charging cable with
Schuko socket



Stainless steel
inox AISI 304



Easy water jet clean
IP56 protection



Food & pharma
material handling

1400 kg

Max lifting capacity

2-3 hr

Autonomy



Main features

- › Pallet truck with a load capacity 1400 kg.
- › Central tiller, pedestrian controlled.
- › Chassis and forks completely made in INOX AISI304 steel.
- › Pins and waterproof bearing in INOX AISI304 steel.
- › Single lifting jack in INOX AISI304 steel.
- › Class H1 hydraulic oil suitable for use in the alimentary sector.
- › MOSFET electronic controller up to 24V 90A.
- › High frequency 24V 10A battery charger built-in.
- › Hydraulic unit up to 24V 800W with electric descending valve.
- › Component box cover (electronic controller, hydraulic unit, battery charger, batteries) made of INOX AISI 304 steel with IP56 protection level.
- › Drive motor with permanent magnets system up to 24V 700W with electromagnetic brake.
- › IP54 traction unit in anti-corrosion aluminium with motor and electromagnetic brake protections made in INOX AISI304 steel.
- › Drive wheel ring in rubber
- › IP54 tiller head.
- › Speed selector to operate with the tiller in the upright position.
- › Battery charge indicator + block of the forks with flat battery.
- › LCD hours counter connected to the micro of the tiller.
- › Single front rollers in nylon covered by polyurethane with bearing in INOX AISI304 steel.
- › Castor wheels with support anticorrosion and with wheel in nylon and covered of polyurethane.
- › Forks length of 1150 mm and section of 160x50 mm, forks track 550 mm, height of the lowered forks 75 mm, forks lifting height of 120 mm.
- › Suitable for cold store standing at -5°C.
- › Packing on wooden pallet included in the price.

Ideal for the internal handling of food and pharmaceutical goods.

T14 INOX stainless steel pallet truck is designed to be compact, handy and easy to use.

Made of AISI 304 INOX stainless steel is suitable to be used for the internal handling of food and pharmaceutical goods.

It has an IP56 protection grade to make easier the washing also with water jets. Equipped with rubber drive wheel it guarantees the best traction and adherence also on wet floors.



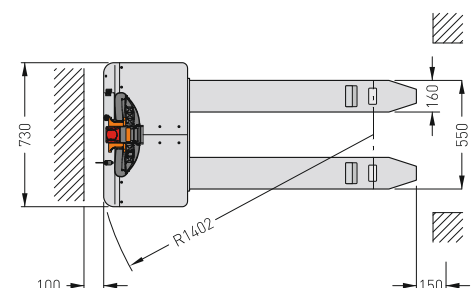
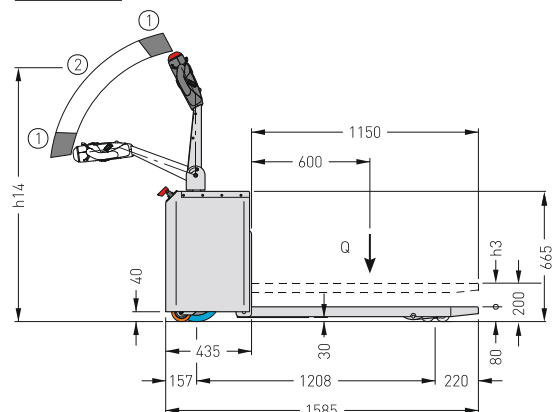
Technical specifications T14

DISTINGUISH MARKS	1.2	Model	T14 INOX	
	1.3	Drive	Electric	
	1.4	Operator type	Pedestrian	
	1.5	Rated capacity/rated load	1400 kg	
	1.6	Load centre distance	600 mm	
WEIGHT	1.9	Wheel base	1200 mm	
	2.1	Weight incl. battery	282 kg	
WHEELS / CHASSIS	3.1	Tyres	Rubber uncarved	
	3.2	Tyre size, at front	80 x 50	
	3.3	Tyre size, at rear	245 x 76	
	3.4	Additional wheels (dimensions)	100 x 40	
	3.5	Wheels, number front/rear (x=driven wheels)	1x + 1/4	
	3.6	Track width, front	480 mm	
	3.7	Track width, rear	560 mm	
BASIC DIMENSIONS	4.4	Lift	h3	120 mm
	4.9	Height or tiller in drive position min./max	h14	865 / 1292 mm
	4.15	Lowered height	80 mm	
	4.19	Overall lenght	1585 mm	
	4.20	Length incl. back of forks	575 mm	
	4.21	Total width	730 mm	
	4.22	Fork dimensions	160 x 50 x 1150 mm	
	4.34	Aisle width	Ast	1835 mm
	4.35	Turning radius	R	1402 mm
	PERFORMANCE DATA	5.1	Travel speed, w. / w.o. load	km/h
5.2		Lift speed, w. / w.o. load	0,072 / 0,11	
5.3		Lower speed, w. / w.o. load	0,38 / 0,11	
5.8		Max. gradeability, laden / unladen	5% 10%	
5.10		Service brake	Electromagnetic	
ELECTRIC ENGINE	6.1	Drive motor rating	700W DC	
	6.2	Lift motor	800W DC	
	6.4	Battery voltage	see table	
	8.1	Drive control	MOSFET 24 V 90A	
	8.4	Sound pressure level at driver's ear	65dB	



T14 inox

- 1- BRAKING
- 2- RUNNING



Batteries available	
Model	Battery
T14	Traction battery GEL 2 x 12V 100Ah

ELECTRIC INOX PALLET TRUCKS

TPL20 INOX



Stainless steel
inox AISI 304



Easy water jet clean



Food & pharma
material handling

2000 kg

Max lifting capacity

8 hr

Autonomy



Customizable
forks



Available other versions:
platform and coil transport, weighing



Main features

- › Pallet truck with a load capacity 2000 kg.
- › Central tiller, pedestrian controlled.
- › Chassis and forks completely made in INOX AISI304 steel.
- › Pins and waterproof bearing in INOX AISI304 steel.
- › Lifting jacks in INOX AISI304 steel.
- › Class H1 hydraulic oil suitable for use in the alimentary sector.
- › AC electronic controller up to 24V 250A.
- › Hydraulic unit up to 24V 2200W with electric descending valve.
- › Cover (electronic controller, hydraulic unit, battery charger, batteries) made of INOX AISI 304 steel with IP56 protection level.
- › AC drive motor with series excite system up to 24V 1200W with electromagnetic brake.
- › IP54 traction unit in stainless steel with motor and electromagnetic brake protections made in INOX AISI304 steel.
- › Drive wheel ring in trail-proof soft polyurethane.
- › IP54 tiller head.
- › Speed selector to operate with the tiller in the upright position.
- › Battery charge indicator.
- › LCD hours counter connected to the micro of the tiller.
- › Single front roller in nylon with bearing in INOX AISI304 steel.
- › Castor wheels with support anti-corrosion steel and with wheel in nylon and covered of polyurethane.
- › Forks length of 1150 mm and section of 160x50 mm, forks track 550 mm, height of the lowered forks 75 mm, forks lifting height of 120 mm.
- › Suitable for cold store standing at -5°C.
- › Packing on wooden pallet included in the price.

Compact pallet truck to handle medical and food goods.

TPL20 INOX is a heavy duty stainless steel pallet truck designed to be compact, handy and easy to use. This electric pallet truck is built in INOX AISI 304 stainless steel and is suitable to move food, pharmaceutical and chemical goods. It is supplied with a protection grade IP56 to facilitate the cleaning with water jets.

Optionals

- › Double front rollers in nylon with bearing in INOX AISI304 steel.



Technical specifications TPL20 INOX

DISTINGUISH MARKS	1.2	Model	TPL20 INOX
	1.3	Drive	Electric
	1.4	Operator type	Pedestrian
	1.5	Rated capacity/rated load	2000 kg
	1.6	Load centre distance	600 mm
	1.9	Wheel base	284 mm
WEIGHT	2.1	Weight incl. battery	349 kg
WHEELS / CHASSIS	3.1	Tyres	Soft polyurethane
	3.2	Tyre size, at front	82 x 90
	3.3	Tyre size, at rear	250 x 79
	3.4	Additional wheels (dimensions)	100 x 40
	3.5	Wheels, number front/rear (x=driven wheels)	1x + 1/4
	3.6	Track width, front	480 mm
BASIC DIMENSIONS	3.7	Track width, rear	560 mm
	4.4	Lift	h3 120 mm
	4.9	Height or tiller in drive position min./max	h14 846 / 1363 mm
	4.15	Lowered height	80 mm
	4.19	Overall length	1839 mm
	4.20	Length incl. back of forks	689 mm
	4.21	Total width	714 mm
	4.22	Fork dimensions	165 x 50 x 1150 mm
	4.34	Aisle width	Ast 2090 mm
	4.35	Turning radius	R 1657 mm
PERFORMANCE DATA	5.1	Travel speed, w. / w.o. load	km/h 5,0 / 5,5
	5.2	Lift speed, w. / w.o. load	0,072 / 0,18
	5.3	Lower speed, w. / w.o. load	0,038 / 0,11
	5.8	Max. gradeability, laden / unladen	16% 18%
	5.10	Service brake	Electromagnetic
ELECTRIC ENGINE	6.1	Drive motor rating	1200W AC
	6.2	Lift motor	800W DC
	6.4	Battery voltage	see table
	8.1	Drive control	24 V 250A
	8.4	Sound pressure level at driver's ear	65dB

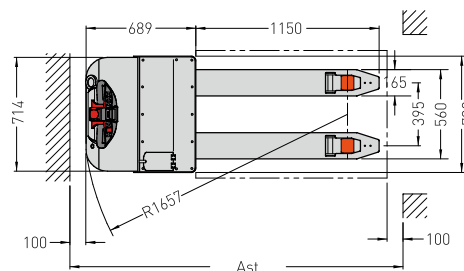
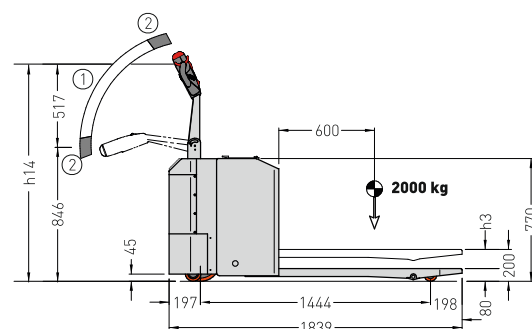
Batteries available

Model	Battery
TPL20 INOX	Traction battery GEL 24V 225Ah
	Traction battery GEL 24V 261Ah



TPL20 inox

- 1- BRAKING
- 2- RUNNING





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