



# General catalogue

## Solutions for material handling



*Made in Italy*



# Index

## Electric pallet stackers



### W12

**W12**  
Capacity (t): 1.2

**W12 SLG**  
Capacity (t): 1.2

p.12



### PL

**PL13**  
Capacity (t): 1.3

**PL16**  
Capacity (t): 1.6

**PL20**  
Capacity (t): 2.0

p.14



### PL16-63T

**PL16-63T**  
Capacity (t): 1.6

**PL16-63T SLG**  
Capacity (t): 1.6

p.20



### OP

**OP20**  
**Order picker**  
Capacity (t): 0.5

p.22

## Electric pallet trucks



### T14

**T14**  
Capacity (t): 1.4

p. 26



### COMPACT

**COMPACT 20**  
Capacity (t): 2.0

p. 28



### TPL

**TPL16**  
Capacity (t): 1.6

**TPL20**  
Capacity (t): 2.0

**TPL30**  
Capacity (t): 3.0

p. 30



## Electric inox pallet stacker and pallet trucks



### W10 INOX

**W10 INOX**  
Capacity (t): 1.0

p. 34



### PL INOX

**PL13 INOX**  
Capacity (t): 1.3

p. 36

**PL16 INOX**  
Capacity (t): 1.6



### T14 INOX

**T14 INOX**  
Capacity (t): 1.4

p. 38



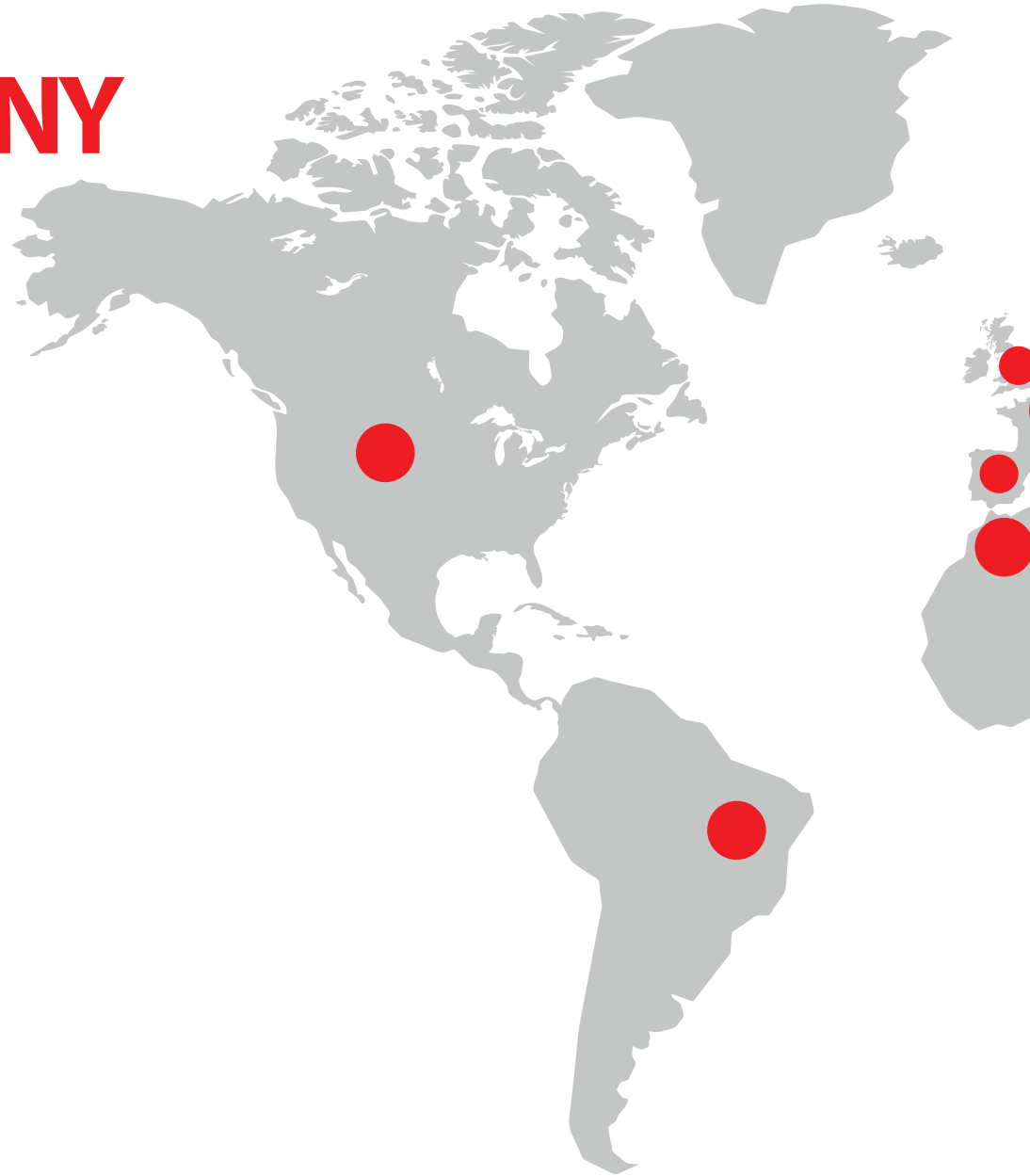
### TPL INOX

**TPL20 INOX**  
Capacity (t): 2.0

p. 40

# THE COMPANY

Since 1980



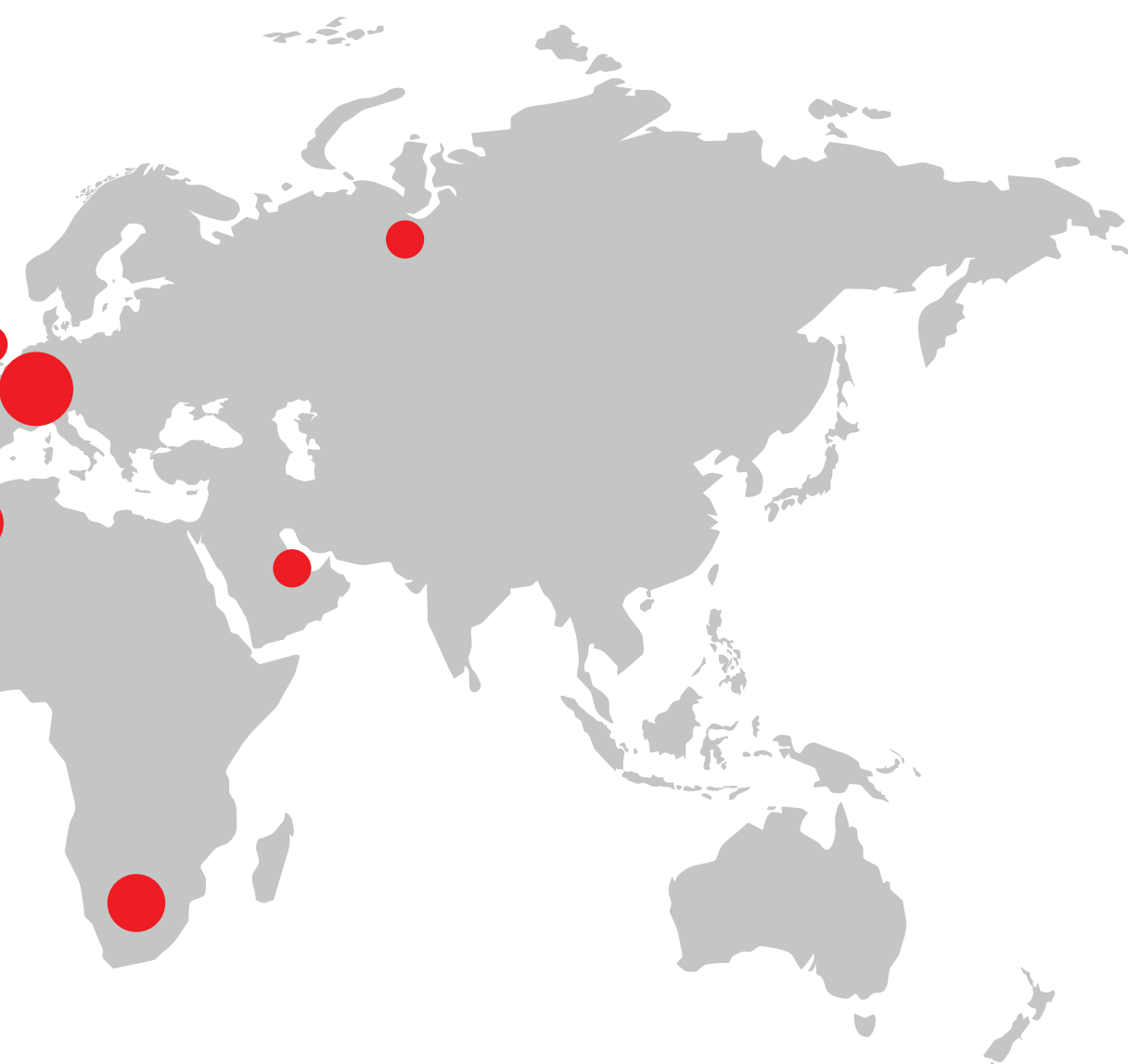
**Pegasolift engineers, designs, manufactures and sells over the world material handling products that ensure to customers a superior value and customized solutions.**

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

Pegaso srl is an Italian 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.

**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.







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

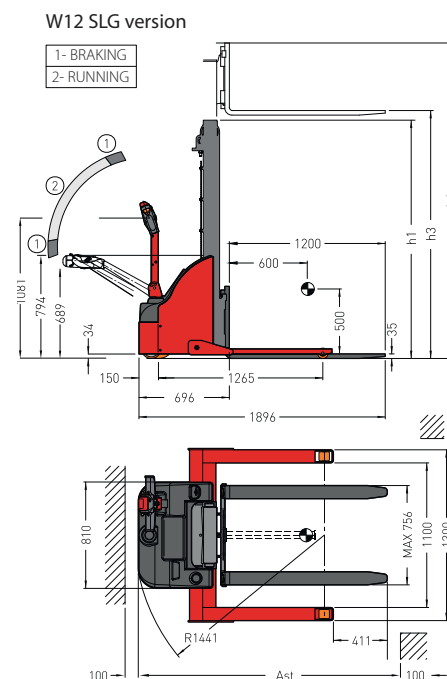
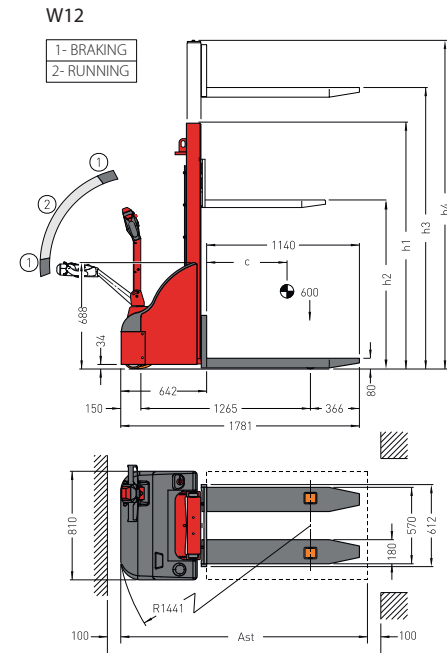


Table B - Residual capacity at the max lifting height

Model	Battery	Mast 1600S	Mast 2900D	Mast 3600D	Mast 4200D
		1200 kg	850 kg	700 kg	450 kg
W12	Traction battery Pb/Ac 2				
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.



## 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°



- › 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.
- › High free lift
- › Packing on wooden pallet included in the price.

ELECTRIC PALLET STACKERS

# PL 13-16-20 SPECIAL VERSIONS



PL with clamp ▼





Li-Ion READY

COLD STORE

AC DRIVE

ATEX



PL with weighing ▼



Inox version ▼



### Other available versions



Customizable  
forks and masts



With coil transport



With additional outputs

# 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		
	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		

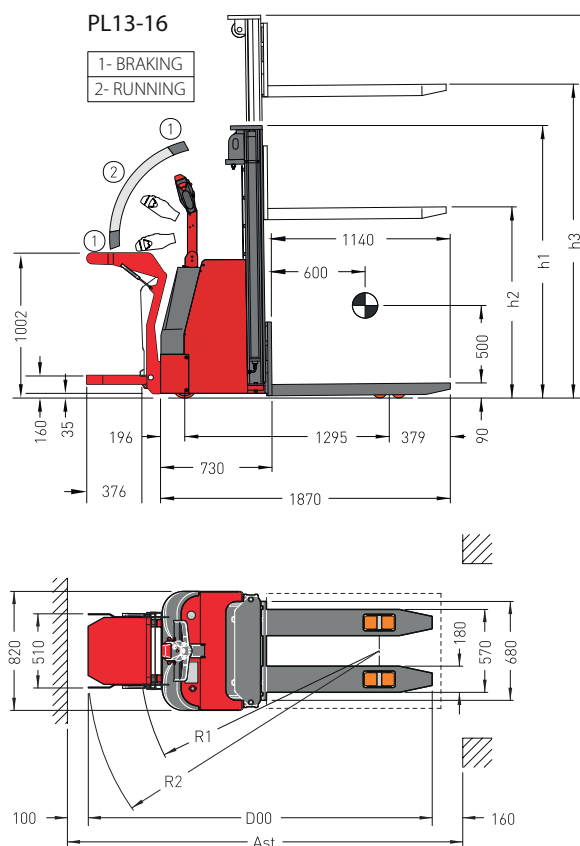


Table A - Available masts

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	1200 kg	1350 kg	1050 kg
	Traction battery 24V 315Ah (288 kg)	2000 kg	1570 kg	1235 kg	1240 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		
	4.34	Aisle width	Ast	2135 mm	
PERFORMANCE DATA	4.35	Turning radius	R	1566 mm	
	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%		
ELECTRIC ENGINE	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	AC 24V 250A		
	8.4	Sound pressure level at driver's ear	65dB		

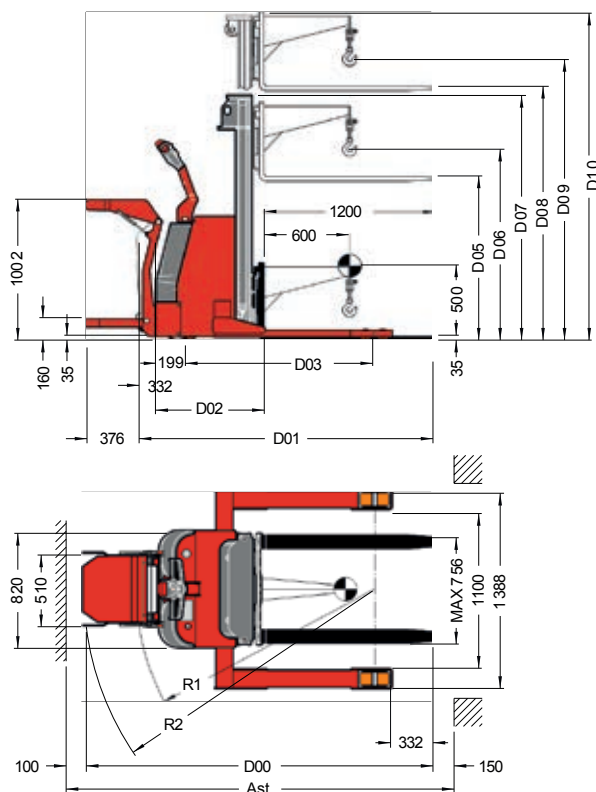


Table A - Mast available

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	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	1200 kg	1350 kg	1050 kg
	Traction battery 24V 315Ah (288 kg)	2000 kg	1570 kg	1235 kg	1240 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°

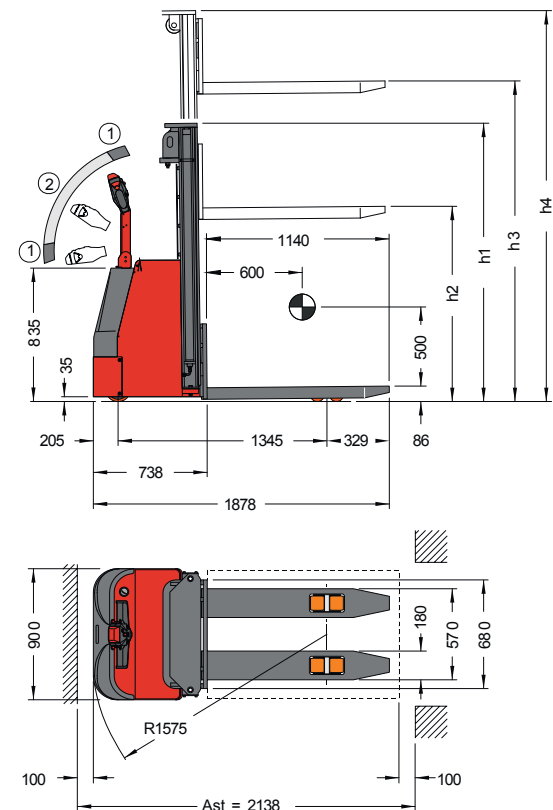


## Technical specifications PL16/63T

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 lenght	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

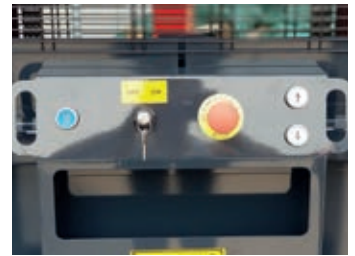
Li-Ion

READY

AC

DRIVE

COLD STORE



Internal battery  
charger with indicator

PRO

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

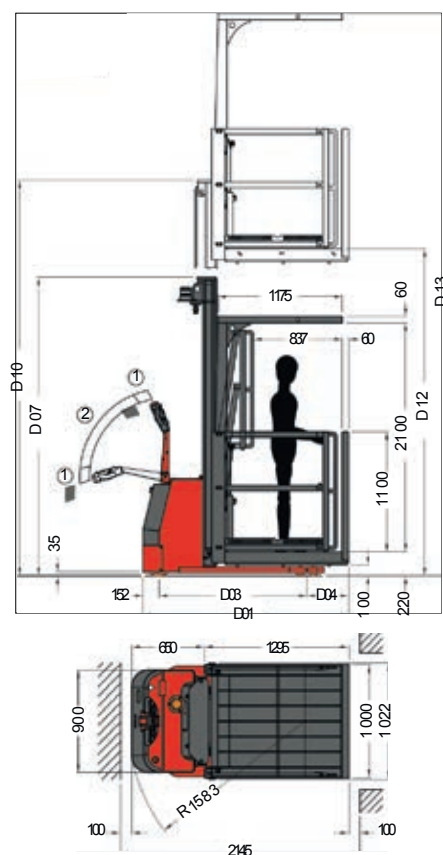
- › Lateral doors with parallelogram opening system.
- › Front of the operator cabin closed.
- › Protection roof for the operator.
- › Internal control panel with: lift/descending buttons + emergency button + selector platform/truck.

- › 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
<b>Total external dimensions of operator platform (LxWxH)</b>	1200 x 1000 x 2100 mm		
<b>Nominal capacity (operators +goods)</b>	500 kg	400 kg	300 kg
<b>Mast type</b>	Duplex	Triplex	Triplex
<b>Weight (without battery)</b>	1934 kg	2110 kg	2152 kg
<b>Extended mast height</b>	D10 4631 mm	5697 mm	6696 mm
<b>Mast lowered height</b>	D07 2741 mm	2509 mm	2842 mm
<b>Platform lifting height</b>	D12 4000 mm	5000 mm	6000 mm
<b>Max overall height</b>	D13 6160 mm	7160 mm	8160 mm
<b>Distance between front axle and forke toe</b>	D04	394 mm	
<b>Distance between axles</b>	D03	1399 mm	
<b>Total lenght</b>	D01	1945 mm	
<b>Batery box size (WxLxH)</b>	220 x 808 x 565 mm		
<b>Travel speed, w. / w.o. load</b>	5,0 - 6,0 km/h		
<b>Lift speed(only with operator)</b>	0,16 m/s		
<b>Lower speed, w. / w.o. load</b>	0,28 m/s		
<b>Max. gradeability, w. / w.o. load</b>	5,0 %		
<b>Max. planarity, error on the floor</b>	1,0 %		
<b>Double front rollers size</b>	n°2+2 ø 85 x 90 (polyurethane)		
<b>Rear wheel size</b>	ø 230 x 75 - ø 150 x 50 (polyurethane)		
<b>Brake</b>	Electromagnetic		
<b>Traction motor power alternate current (AC)</b>	1200 W		
<b>Pump motor power direct current (DC)</b>	3000 W		
<b>Electronic controller alternate current (AC)</b>	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 160x50 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.



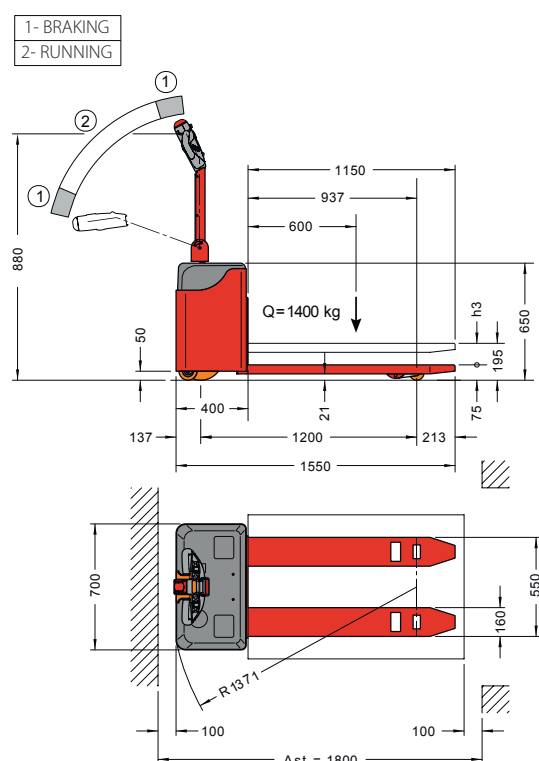
## Technical specifications T14

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 120 mm
	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
PERFORMANCE DATA	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
	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



## ELECTRIC PALLET TRUCK

# COMPACT20

Li-Ion

READY



COLD STORE



Internal charger with indicator



Professional use

2000 kg

Max lifting capacity

2000 mm

Max lifting height

4-5 hr

Autonomy



Available also in inox version



Customizable forks dimensions



### Main features

- › Pallet truck, load capacity 2000 kg, pedestrian controlled.
- › MOSFET electronic controller up to 24V 200A.
- › 24V 1200W drive motor with separate excite system complete of electromagnetic brake.
- › Hydraulic unit up to 24V 800W with electric descending valve.
- › Speed selector to operate with the tiller in the upright position.
- › Single front rollers.
- › Forks: length of 1150 mm, track 560 mm, height of the lowered forks 80 mm, lifting height of 120 mm.
- › Battery charge indicator with LCD hours counter and block of the forks with flat battery.
- › Traction battery 24V 150Ah/5h and High Frequency 24V 20A battery charger built-in.
- › Packing on wooden pallet included in the price.



## Optionals

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



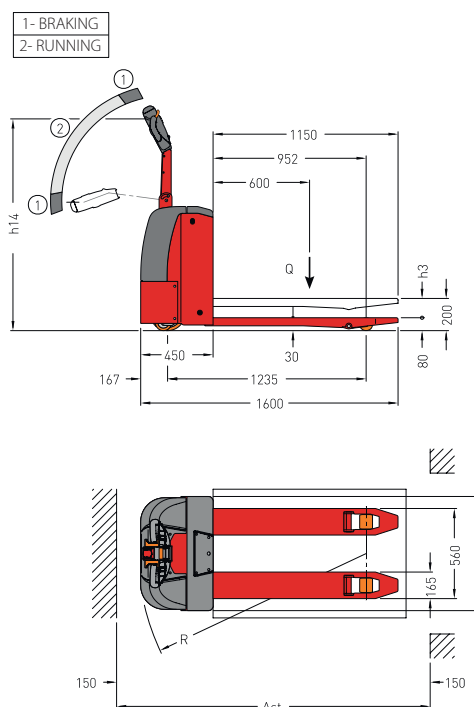
## Technical specifications COMPACT20

DISTINGUISHING 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
	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	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





ELECTRIC PALLET TRUCK

# TPL 16-20-30

Li-Ion

READY



COLD STORE



Quick battery change



Can work in shifts



Professional use

120 mm

Max lifting height

8 hr

Autonomy



Customizable  
forks



Available other versions:  
platform and coil transport.



## Main features

- › Pallet truck with a load capacity up to 3000 kg.
- › Central tiller, pedestrian controlled.
- › AC electronic controller up to 24V 250A.
- › AC drive motor with series excite system up to 24V 1200W with electromagnetic brake.
- › Hydraulic unit up to 24V 800W with electric descending valve.
- › Battery charge indicator with LCD hours counter and block of the forks with flat battery.
- › Speed selector to operate with the tiller in the upright position.
- › Forks track 565 mm, Forks lifting height of 120 mm, Forks dimensions: 170×55×L=1.150 mm. (custom dimensions available on request).
- › Double front rollers.
- › Packing on wooden pallet included in the price.

## Optional

- › Double front rollers (only for TPL16)
- › Rubber ring for traction wheel
- › Additional front protection grid
- › Special forks track: 660mm
- › Special forks length: from 800mm to 1.100mm
- › Automatic topping for battery, complete with tank and pipes
- › Switch for maximum lifting limit
- › Heavy duty pack (rear metal cover, Vulkolan ring, reinforced support wheel)
- › Cold store version protection at -30° (external battery charger)



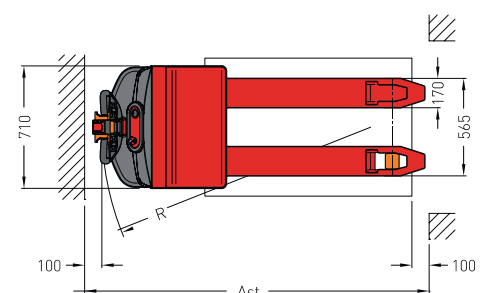
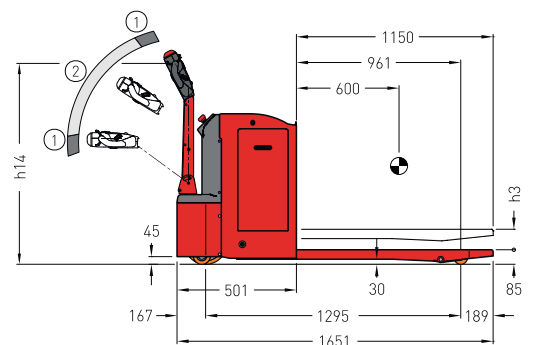
## Technical specifications TPL16-20-30

DISTINGUISH MARKS	1.2	Model	TPL16		TPL20	TPL30	
	1.3	Drive	Electric				
	1.4	Operator type	Pedestrian				
	1.5	Rated capacity/rated load	1600 kg	2000 kg	3000 kg		
	1.6	Load centre distance	600 mm				
WEIGHT	1.9	Wheel base	1364 mm	1439 mm	1439 mm		
	2.1	Weight incl. battery	257 kg	300 kg	311 kg		
	WHEELS / CHASSIS	3.1	Tyres	Polyurethane			
		3.2	Tyre size, at front	80 x 90 / 2 x 80 x 70*			
		3.3	Tyre size, at rear	250 x 79			
3.4		Additional wheels (dimensions)	100 x 40				
3.5		Wheels, number front/rear (x=traction wheels)	1x + 1 / 2 - 4*		1x + 1 / 2		
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	726 / 1026 mm			
	4.15	Lowered height	85 mm				
	4.19	Overall lenght	1795 mm				
	4.20	Length incl. back of forks	645 mm				
	4.21	Total width	710 mm				
	4.22	Fork dimensions	165 x 50 x 1150 mm				
	4.34	Aisle width	Ast	1970 mm	2045 mm	2045 mm	
	4.35	Turning radius	R	1531 mm	1606 mm	1606 mm	
PERFORMANCE DATA	5.1	Travel speed, w. / w.o. load	km/h	4,2 / 5,1	5,0 / 6,0	4,8 / 5,5	
	5.2	Lift speed, w. / w.o. load	0,014 / 0,023				
	5.3	Lower speed, w. / w.o. load	0,045 / 0,044				
	5.8	Max. gradeability, laden / unladen	7% 17%				
	5.10	Service brake	Electromagnetic				
ELECTRIC ENGINE	6.1	Drive motor rating	1200W DC				
	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				



TPL 16-20-30

- 1- BRAKING
- 2- RUNNING



Residual capacity at the max lifting height	
Model	Battery
TPL16 - 20 - 30	Traction battery 24V 240Ah + external battery charger 40 A
	Traction battery 24V 270Ah + external battery charger 50 A
	Traction battery 24V 315Ah + external battery charger 50 A





ELECTRIC INOX PALLET TRUCKS & STACKERS

## INX SERIES

---

### **The ideal solution for handling of food, chemical and pharmaceutical materials.**

Pegasolift, in more than a decade of experience in material handling, perceived a growing demand for machines suitable for use in harsh environments such as the food, pharmaceutical and chemical industry.

In reply to these industries needs Pegasolift has conceived and developed an entire range of machines completely in stainless steel.

The range of Pegasolift stainless steel pallet trucks and stacker can satisfy any need in environments where sanitary and hygienic regulations require mandatorily the use of these machines. Protection grade IP56 makes them extremely easy for washing and sanitizing.



## 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.

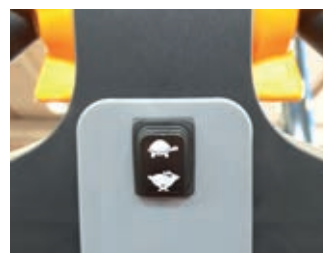
## Moving agile between racks, warehouse and lofts.

W10 INOX is the stainless steel stacker equipped with DUPLEX and TRIPLEX mast also with High Free Lift version and contains several accessories and optionals. Built with INOX AISI 304 stainless steel, it is suitable to move food, pharmaceutical and chemical goods. It is supplied with a protection grade IP56 to facilitate the cleaning even with water jets.

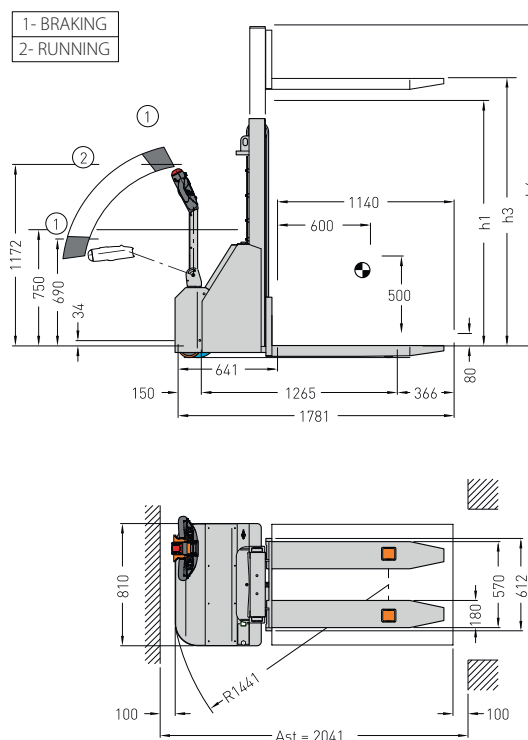


## Technical specifications W10 INOX

DISTINGUISH MARKS	1.2	Model	W10 INOX
	1.3	Drive	Electric
	1.4	Operator type	Pedestrian
	1.5	Rated capacity/rated load	1000 kg
	1.6	Load centre distance	600 mm
	1.9	Wheel base	1265 mm
WEIGHT		Net weight inc.battery-simplex mast	420 kg
	2.1	Net weight inc.battery-duplex mast	555 kg
		Net weight inc.battery-triplex mast	n.a.
WHEELS / CHASSIS	3.1	Tyres	Rubber uncarved
	3.2	Tyre size, at front	82 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
	3.7	Track width, rear	560 mm
BASIC DIMENSIONS	4.2	Mast height (lowered)	h 1 see table
	4.3	Free lift (GAL)	h2 see table
	4.4	Lift	h3 see table
	4.5	Extended mast height	h4 see table
	4.15	Lowered height	80 mm
	4.19	Overall length	1781 mm
	4.20	Length incl. back of forks	641 mm
	4.21	Total width	810 mm
	4.22	Fork dimensions	180 x 70 x 1140 mm
	4.34	Aisle width	Ast 2041 mm
	4.35	Turning radius	R 1441 mm
PERFORMANCE DATA	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
	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	2200W 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



W10 inox



Mast available				
Model	Lift h3 mm	Lowered mast height h1(mm)	Free lift h2(mm)	Extended mast height
Simplex	1600	1905	n.a	1940
Duplex	2900	1842	n.a	3252
Duplex	3600	2185	n.a	3952

Residual capacity				
Model	Battery	Mast 1600S	Mast 2900D	Mast 3600D
W10 inox	Traction battery GEL 2 x 12V 100 Ah	1000 kg	650 kg	500 kg

## 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	

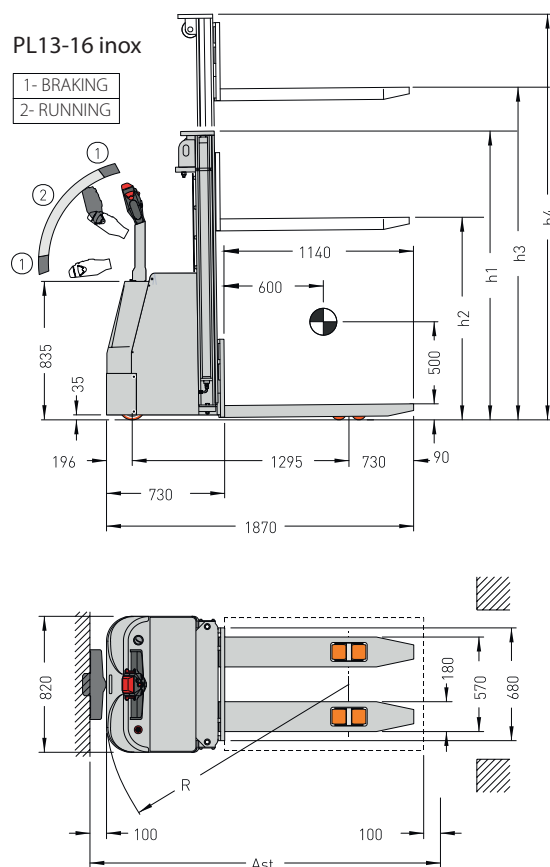


Table A - Mast available				
Model	Lift h3 mm	Lowered mast height h1(mm)	Free lift h2(mm)	Extended mast height
		PL13-16 INOX	PL13-16 INOX	PL13-16 INOX
Simplex	1600	2050	n.a	2060
Duplex	2900	2005	n.a	3410
	3600	2355	1800	4110
Triplex	3800	1945	1420	4420
	4500	2180	1655	5120

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.



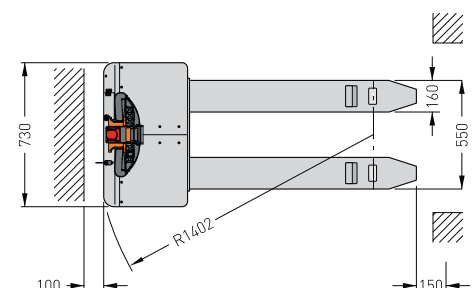
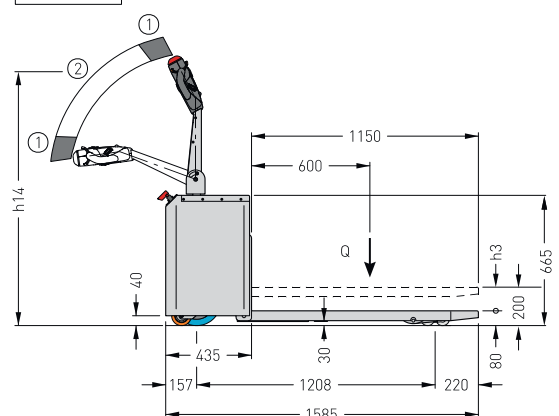
## Technical specifications T14

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
	1.9	Wheel base	1200 mm
WEIGHT	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 length	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
PERFORMANCE DATA	4.34	Aisle width	Ast 1835 mm
	4.35	Turning radius	R 1402 mm
	5.1	Travel speed, w. / w.o. load	km/h 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
	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
PERFORMANCE DATA	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
	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
ELECTRIC ENGINE	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
	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

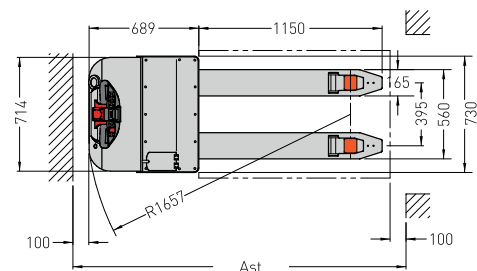
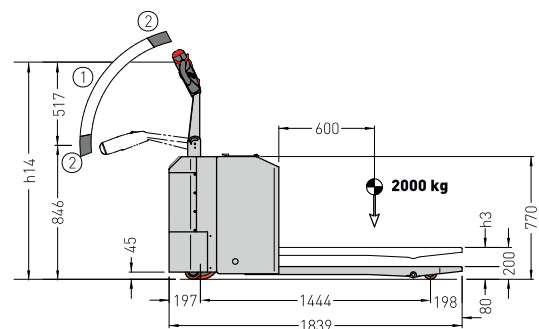
### Batteries available

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



TPL20 inox

- 1- BRAKING
- 2- RUNNING





All right reserved. No part of this publication may be reproduced in any form without prior permission from Pegaso s.r.l.

The products depicted in this catalogue are true to specifications at the time of publication. Pegaso s.r.l. reserves the right to any given changes without advance notification. The presentation provide only a point of reference.

Printed: 05/2019







**Pegaso srl**

Via del Lavoro 14, 37047 San Bonifacio  
(Verona - Italy)  
VAT: IT02692480235

Tel.: (+39) 045/7665570  
Fax: (+39) 045/7665698

E-mail: [info@pegasolift.com](mailto:info@pegasolift.com)  
Website: [www.pegasolift.com](http://www.pegasolift.com)