

# PLI3 PLI6

- DUPLEX and TRIPLEX mast
- High free lift (GAL)

Fast/slow gear selector - Cold store -30°C



roller to control the descending speed of the Forks

## RELIABLE AND VERSATILE



TRIPLEX mast  
GAL version



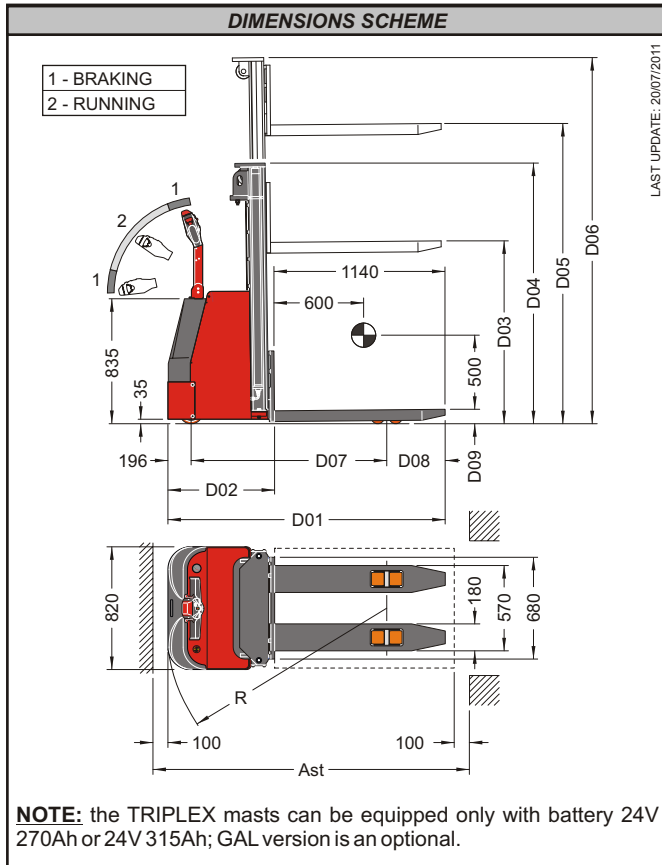
# Pegasoniclift CE

# PL13 and PL16 Series

also available in GAL version for lifting height above 3,2 m



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GENERAL SPECIFICATIONS		
MODEL	PL13	PL16
Load capacity	1300 kg	1600 kg
Axle load with load	front	2 / 7
	rear	5 / 7
Axle load without load	front	3 / 4
	rear	1 / 4
Lowered forks height	D09	86
Single front rollers size (polyurethane)		88
Drive wheel size (polyurethane)		ø 80 × 70
Additional wheel size (polyurethane)		ø 250 × 79
Front track		ø 150 × 50
Rear track		480
Height of tiller in gear position (brake releasing)	min	480
	max	560
Travel speed	with load	5,5 km/h
	without load	5,5 km/h
Max gradeability	with load	6,0 km/h
	without load	6,0 km/h
Brake		8% / 9%
Electronic control type		16% / 18%
Traction motor power (series excite system)		Electromagnetic
Pump motor power		Mosfet 24V 200A
Noise		1200 W / 1400 W
Battery box size (L × W × H)		3000W
		65 dB
		220 × 808 × 565

INTERCHANGEABLE MASTS SPECIFICATIONS											
MAST NOMINATION		H = 1,6 m	H = 2,5 m	H = 2,9 m	H = 3,2 m	H = 3,6 m	H = 4,2 m	H = 4,5 m	H = 4,5 m	H = 5,0 m	H = 5,5 m
Mast type		Simplex	Duplex	Duplex	Duplex	Duplex	Duplex	Duplex	Triplex	Triplex	Triplex
GAL lifting height (optional)	D03	-	-	-	1600	1800	2100	2255	1635	1801	1967
Mast lowered height	D04	1990	1745	1945	2095	2295	2595	2750	2130	2296	2462
Mast lifting height	D05	1600	2500	2900	3200	3600	4200	4500	4500	5000	5500
Mast extended height	D06	-	2950	3350	3650	4050	4650	4950	5070	5570	6070
Distance between axle	D07	1295						1345			
Front distance between axle	D08	379	364				331				
Length with forks shoulder	D02	730	715				732				
Total length	D01	1870	1855				1872				
Steering radius	R	1530	1516				1566				
Working isle width	Ast	2130	2115				2132				
Weight (without battery)	PL13	505 kg	636 kg	657 kg	667 kg	694 kg	720 kg	747 kg	866 kg	896 kg	926 kg
	PL16	530 kg	661 kg	682 kg	692 kg	719 kg	746 kg	772 kg	891 kg	921 kg	951 kg
Lifting speed	with load	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s
	without load	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s
Lowering speed	with load	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s
	without load	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s
Forks size	W × H × L	180 × 70 × 1140									
PL13 SERIES - BATTERIES AVAILABLE AND RESIDUAL CAPACITY AT THE MAX LIFTING HEIGHT											
Traction battery 24V 160Ah (167 kg)		1300 kg	1300 kg	1050 kg	920 kg	790 kg	575 kg	460 kg	N.D.	N.D.	N.D.
Traction battery 24V 180Ah (188 kg)		1300 kg	1300 kg	1110 kg	975 kg	830 kg	605 kg	490 kg	N.D.	N.D.	N.D.
Traction battery 24V 240Ah (219 kg)		1300 kg	1300 kg	1155 kg	1030 kg	880 kg	640 kg	520 kg	N.D.	N.D.	N.D.
Traction battery 24V 270Ah (251 kg)		1300 kg	1300 kg	1190 kg	1065 kg	915 kg	670 kg	540 kg	955 kg	835 kg	705 kg.
Traction battery 24V 315Ah (288 kg)		1300 kg	1300 kg	1220 kg	1100 kg	940 kg	690 kg	560 kg	970 kg	850 kg	725 kg.
PL16 SERIES - BATTERIES AVAILABLE AND RESIDUAL CAPACITY AT THE MAX LIFTING HEIGHT											
Traction battery 24V 160Ah (167 kg)		1600 kg	1600 kg	1140 kg	1010 kg	870 kg	640 kg	515 kg	N.D.	N.D.	N.D.
Traction battery 24V 180Ah (188 kg)		1600 kg	1600 kg	1210 kg	1065 kg	915 kg	675 kg	535 kg	N.D.	N.D.	N.D.
Traction battery 24V 240Ah (219 kg)		1600 kg	1600 kg	1250 kg	1110 kg	960 kg	705 kg	570 kg	N.D.	N.D.	N.D.
Traction battery 24V 270Ah (251 kg)		1600 kg	1600 kg	1300 kg	1155 kg	1000 kg	730 kg	590 kg	1083 kg	950 kg	800 kg.
Traction battery 24V 315Ah (288 kg)		1600 kg	1600 kg	1345 kg	1195 kg	1030 kg	750 kg	610 kg	1098 kg	965 kg	820 kg.

Agile and powerful, the PL series can do any work among shelvings, warehouses and lofts. Equippable with DUPLEX and TRIPLEX mast also in GAL version and various optional as: pump for quick lifting of the forks, lateral door for quick battery change, trail-proof rubber wheel, battery charge indicator with LCD hours counter and block of the forks with flat battery, ut to the cold store version -30°C.

All to reach an optimal personalization and performance during the work, without waste of energy and of time.