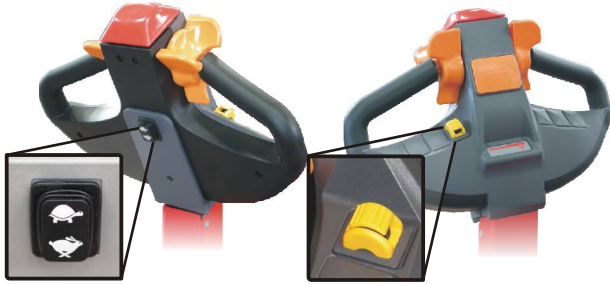


# PHI3

- DUPLEX and TRIPLEX mast
- High Free lift (GAL)
- cold store version

Fast+slow selector



Roller to control the descending speed of the Forks



**TRIPLEX GAL MAST**



**RELIABLE AND VERSATILE**

***Pegasolift*** 

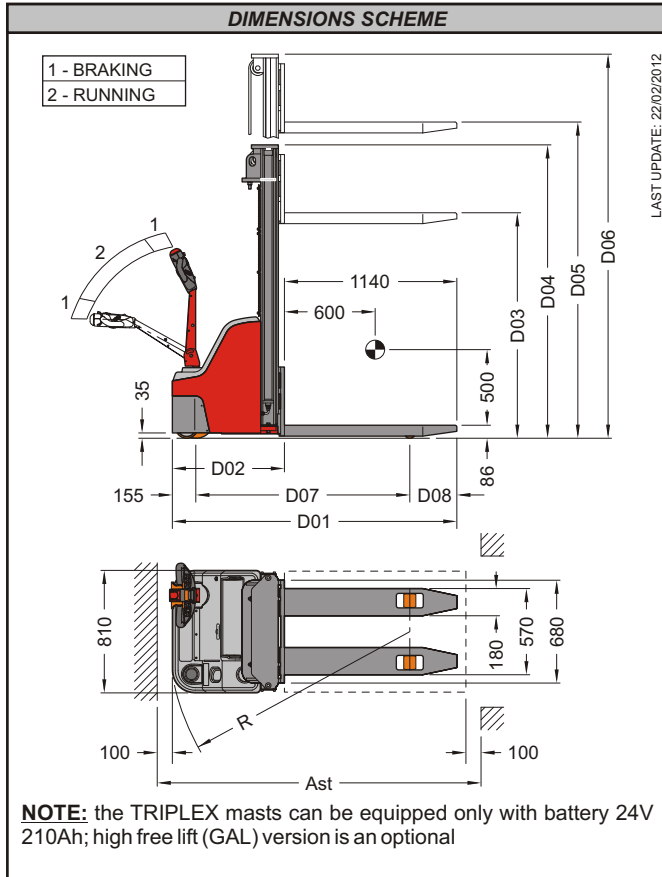
CE

# PH13 Series

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

# PegasoLift

Via del Lavoro 14 - 37047 San Bonifacio (Verona - Italy)  
Tel. (0039) 045/7665570 - Fax: (0039) 045/7665698  
www.pegasolift.com



GENERAL SPECIFICATIONS	
MODEL	PH13
Load capacity	1300 kg
Axle load with load	front 2 / 7 rear 5 / 7
Axle load without load	front 3 / 4 rear 1 / 4
Single front rollers size (polyurethane)	ø 80 × 90
Drive wheel size (polyurethane)	ø 245 × 76
Additional wheel size (polyurethane)	ø 150 × 50
Front track	500
Rear track	548
Height of the tiller in gear position (brake releasing)	min 790 max 1170
Travel speed	with load 4,2 km/h without load 5,1 km/h
Max gradeability	with load 5% without load 10%
Brake	Electromagnetic
Electronic control type	Mosfet 24V 200A
Traction motor type (separate excite system)	1200 W
Pump motor power	2200W
Battery charger	24V 25A
Noiseiness	65 dB
Battery case dimensions (L × B × H)	215 × 585 × 600

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 = 3,8 m	H = 4,5 m	
Mast type		Simplex	Duplex	Duplex	Duplex	Duplex	Triplex	Triplex	
GAL lifting height (optional)	D03	-	-	-	1645	1845	1420	1655	
Mast lowered height	D04	1990	1745	1945	2095	2295	1881	2120	
Forks height STANDARD extended mast	D05	1600	2500	2900	3200	3600	3800	4500	
Forks height GAL extended mast	D05	-	-	-	3200	3600	3885	4595	
Mast extended height	D06	-	2950	3350	3650	4050	4350	5060	
Distance between axle	D07	1415							
Front distance between axle	D08	311						328	
Length with forks shoulder	D02	741						758	
Total length	D01	1881						1898	
Steering radius	R	1593						1610	
Working isle width	Ast	2141						2158	
Weight (without battery)		520 kg	560 kg	585 kg	595 kg	610 kg	715 kg	740 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	
	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	
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	
	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	
Forks size		180 × 72 × 1140							
BATTERIES AVAILABLE AND RESIDUAL CAPACITY AT THE MAX LIFTING HEIGHT									
Traction battery 24V 160Ah (165 kg)		1300 kg	1300 kg	1050 kg	920 kg	790 kg	N.A.	N.A.	
Traction battery 24V 180Ah (175 kg)		1300 kg	1300 kg	1110 kg	975 kg	830 kg	N.A.	N.A.	
Traction battery 24V 210Ah (180 kg)		1300 kg	1300 kg	1140 kg	1010 kg	860 kg	780 kg	690 kg	

The stackers of the PH13 series are simple and strong at the same time. They are machines for a professional use with an excellent ratio between cost and benefits. The stackers are equipable both with DUPLEX or TRIPLEX masts and are able to reach a lifting height of 4,60 metres. The DUPLEX and TRIPLEX masts have two lateral lifting hydraulic cylinder and, in case of high free lift (GAL), also a central one.

All the masts are fixed by screw (not welded) to the chassis of the machine. The tiller is laterally placed and it is directly connected to the traction wheel. This solution allow to the operator a better lateral view (because free from the masts) during the hold or the positioning of the pallet.

Can be equipped with various option such as: carved drive wheel made of track-proof soft polyurethane, SLG version with straddle legs gauge with FEM forks plate and cold store version 30°C.