

PHI3

- DUPLEX and TRIPLEX mast
- High Free lift (GAL)
- Cold Store version -30 °C



Roller to control the descending speed of the Forks



Tiller head with speed selector



- Battery charge indicator with hours counter and disabling of working hydraulics at low batteries
- High Frequency battery charger built-in

VERSATILE and STRONG

TRIPLEX MAST



- Shelf for extensible plastic Film roll
- Bottle rack
- Paper holder



Glove compartment complete with closing door

Pegasolift



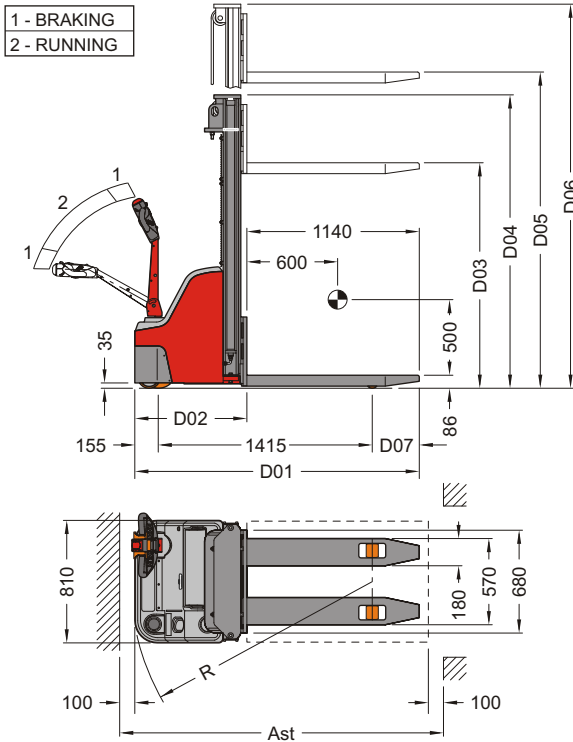
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PH13 Series



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DIMENSIONS SCHEME



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NOTE: the TRIPLEX masts can be equipped only with battery 24V 210Ah; high free lift (GAL) version is an optional

MODEL		PH13/16	PH13/25	PH13/29	PH13/32	PH13/36	PH13/38T	PH13/45T
Mast type		Simplex	Duplex	Duplex	Duplex	Duplex	Triplex	Triplex
Nominal load capacity					1300 kg			
GAL Lifting height (optional high free lift)	D03	-	-	-	1645	1845	1420	1655
Mast lowered height	D04	1990	1745	1945	2095	2295	1885	2120
STANDARD forks lifting height	D05	1600	2500	2900	3200	3600	3800	4500
GAL forks lifting height	D05	-	-	-	3200	3600	3885	4595
Mast extended height	D06	-	2950	3350	3650	4050	4350	5060
Front distance between axle	D07	311		311			328	
Length with forks shoulder	D02	741		741			758	
Total length	D01	1881		1881			1898	
Steering radius	R	1593		1593			1610	
Working aisle width	Ast	2141		2141			2158	
Weight without battery		520 kg	560 kg	585 kg	595 kg	610 kg	745 kg	775 kg
Travel speed				with load: 4,2 km/h - without load: 5,1 km/h				
Lifting speed				with load: 0,10 m/s - without load: 0,12 m/s				
Lowering speed				with load: 0,13 m/s - without load: 0,09 m/s				
Max gradeability				with load: 5% - without load: 10%				
Front rollers size (polyurethane)				single: n° 2 ø 80 × 90 - double: n°2+2 ø 80 × 70				
Rear wheels size (polyurethane)				traction: ø 245 × 76 - stabilizer: ø 150 × 50				
Brake				Electromagnetic with energy recycling				
Traction motor power (separate excite system)				1200W				
Pump motor power				2200W				
Electronic control type				MOSFET 24V 200A				
High frequency battery charger built-in				24V 25A				
Battery box size				length: 215 mm × width: 585 mm × height: 600 mm				
BATTERIES AVAILABLE AND RESIDUAL LOAD CAPACITIES 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 (185 kg)		1300 kg	1300 kg	1110 kg	975 kg	830 kg	N.A.	N.A.
Traction battery 24V 210Ah (208 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 the forks 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.