



**NOTE:** the TRIPLEX masts can be equipped only with batteries 24V 210Ah and 240Ah; high free lift (GAL) version is an optional

LAST UPDATE: 05/11/2014

### TECHNICAL FEATURES

- Pallet stacker with load capacity up to 1200 kg.
- Lateral tiller, pedestrian controlled.
- MOSFET electronic controller up to 24V 200A.
- Drive motor with separate excite system up to 24V 1200W with electromagnetic brake.
- Proportional control of descending speed of the forks.
- Switch to operate with the tiller in the upright position.
- Hydraulic unit up to 24V 2200W with proportional electric descending valve.
- High frequency 24V 25A battery charger built-in.
- Automatic speed reduction with load lifted.
- Single front rollers.
- Battery charge indicator with LCD hours counter and block of the forks with flat battery.
- Also available in SLG version with straddle legs gauge + FEM2.
- Packing on wooden pallet included in the price.

### OPTIONAL

- Double front rollers
- Standard additional load-holder grate (dimensions: 1000 × 700 mm)
- Proportional control of lifting speed of the forks
- Drive wheel ring in trail-proof soft polyurethane with carved tread
- Cold store version at -30°C (ATTENTION: battery charger 24V 25A EXTERNAL)
- Automatic topping up for batterie complete of tank and connectors
- Max lifting height electric limit switch

### PH14 SERIES - BATTERIES AVAILABLE AND RESIDUAL LOAD CAPACITIES AT THE MAX LIFTING HEIGHT

Battery	1400 kg	1400 kg	1110 kg	975 kg	830 kg	N.A.	N.A.
Traction battery 24V 180Ah (185 kg)							
Traction battery 24V 210Ah (208 kg)							
Traction battery 24V 240Ah (219 kg)							

### GENERAL SPECIFICATIONS

MODEL	Ph14/16	Ph14/25	Ph14/29	Ph14/32	Ph14/36	Ph14/38T	Ph14/45T
Mast type	Simplex	Duplex	Duplex	Duplex	Duplex	Triplex	Triplex
Nominal load capacity	1400 kg						
GAL Lifting height (optional high free lift)	D03	-	-	1645	1845	1420	1655
Mast lowered height	D04	1990	1745	1945	2095	2295	2120
STANDARD forks lifting height	D05	1600	2500	2900	3200	3600	4500
GAL forks lifting height	D05	-	-	3200	3600	3885	4595
Mast extended height	D06	-	2950	3350	3650	4050	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	565 kg	615 kg	640 kg	650 kg	665 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	3000W						
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						