



LAST UPDATE: 13/03/2014

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.

Ph12 SERIES - BATTERIES AVAILABLE AND RESIDUAL CAPACITY AT THE MAX LIFTING HEIGHT

Traction battery 24V 180Ah (185 kg)	1200 kg	1200 kg	1040 kg	800 kg	550 kg
Traction battery 24V 210Ah (208 kg)	1200 kg	1200 kg	1060 kg	820 kg	570 kg
Traction battery 24V 230Ah (228 kg)	1200 kg	1200 kg	1060 kg	820 kg	570 kg

GENERAL SPECIFICATIONS

MODEL	Ph12/16	Ph12/24	Ph12/29	Ph12/36	Ph12/42
Mast type	Simplex	Duplex	Duplex	Duplex	Duplex
Nominal load capacity	1200 kg				
Mast lowered height	D03	1910	1592	1842	2192
Forks lifting height	D04	1580	2400	2900	3600
Mast extended height	D05	1945	2752	3252	3952
Front distance between axle	D06	362	367		
Length with forks shoulder	D02	723	728		
Total length	D01	1863	1868		
Steering radius	R	1526	1526		
Working aisle width	Ast	2123	2128		
Weight without battery	416 kg	466 kg	483 kg	515 kg	537 kg
Travel speed	with load: 4,2 km/h - without load: 5,1 km/h				
Lifting speed	with load: 0,072 m/s - without load: 0,11 m/s				
Lowering speed	with load: 0,38 m/s - without load: 0,11 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				