



NOTE: the removable arm with lifting hook and GAL version are optional.

LAST UPDATE: 21/10/2010

**GENERAL SPECIFICATIONS**

MODEL	PL13-SLG- PLATFORM	PL16-SLG- PLATFORM
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
Single front rollers size (polyurethane)	ø 80 × 70	ø 85 × 90
Drive wheel size (polyurethane)	ø 250 × 79	
Additional wheel size (polyurethane)	ø 150 × 50	
Front track	1335	
Rear track	560	
Height of tiller in gear position (brake releasing)	min	1000
	max	1315
Travel speed	with load	8,0 km/h
	without load	9,0 km/h
Max gradeability	with load	8%
	without load	16%
Brake	Elettromagnetic	
Electronic control type	Mosfet 24V 200A	
Traction motor power (series excite system)	1200 W	1400 W
Pump motor power	3000W	
Noise	65 dB	
Battery box size [L × W × H]	220 × 808 × 565	

**TECHNICAL FEATURES**

MOSFET electronic controller up to 24V 200A.  
Drive motor with series excite system up to 24V 1400W with electromagnetic brake.

**PL13-SLG-PLATFORM SERIES - BATTERIES AVAILABLE AND RESIDUAL CAPACITY AT THE MAX LIFTING HEIGHT**

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-SLG-PLATFORM SERIES - BATTERIES AVAILABLE AND RESIDUAL CAPACITY AT THE MAX LIFTING HEIGHT**

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

**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 forks lifting height (optional)	D05	-	-	-	1545	1745	2045	2200	1580	1746	1912		
GAL hook lifting height (optional)	D06	-	-	-	1735	1935	2235	2390	1770	1936	2102		
Mast lowered height	D07	1990	1745	1945	2095	2295	2595	2750	2130	2296	2462		
Forks lifting height	D08	1565	2465	2865	3165	3565	4165	4465	4465	4965	5465		
Hook lifting height	D09	1750	2650	3050	3350	3750	4350	4650	4650	5150	5650		
Mast extended height	D10	-	2950	3350	3650	4050	4650	4950	5070	5570	6070		
Distance between axle	D04										1293	1343	
Length with forks shoulder	D03	898										883	900
Total length	platform closed - D02										2098	2100	
	platform opened - D01										2474	2476	
Steering radius	platform closed - R1										1670	1735	
	platform opened - R2										2046	2111	
Working isle width (Ast)	platform closed										2348	2350	
	platform opened										2724	2726	
Weight (without battery)	PL13	593 kg	724 kg	745 kg	755 kg	782 kg	808 kg	835 kg	944 kg	984 kg	1004 kg		
	PL16	618 kg	749 kg	770 kg	780 kg	807 kg	834 kg	860 kg	979 kg	1009 kg	1039 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											
		100 × 35 × 1200											