



Stacker trucks with minimum overall dimensions and maximum efficiency

STRENGTHS:

- Masts with **light design** for **total visibility**
- **AC** alternating current traction motor ensuring **greater power** and **maximum efficiency** with **less maintenance**
- Fork lifting and lowering with **proportional buttons**
- The tiller arm of the truck and the spring loaded central drive wheel allow keeping a **constant contact with the floor** and reducing driver arm vibrations, as well as **minimum steering effort** even with full load.

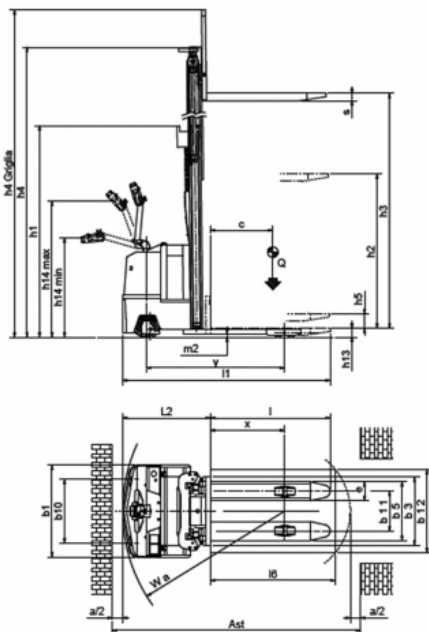
✓ **LOAD CAPACITY UP TO 1.300 KG AND 1.500 KG**

✓ **SPECIAL DIMENSIONS UPON REQUEST**

SOME OPTIONALS

- | | | | |
|---|-----------------------------|--|-------------------|
|  | OPERATOR TRANSPORT PLATFORM |  | ELECTRIC STEERING |
|  | METALLIC/GALVANISED VERSION |  | LITHIUM BATTERY |
|  | SCALE/PRINTER |  | USE IN COLD STORE |

Type	Stacker trucks	Class	Stacker trucks for non-intensive use
Load capacity (Kg)	1500	Lifting capacity (mm)	5600



Senza protezioni laterali per velocità fino a 6 km/h

Characteristics

	1.1	Manufacturer			SAMAG	
Characteristics	1.2	Manufacturer's type designation			EL 13	EL 13 P.O.
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas				Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker			pedestrian	standing
	1.5	Load capacity/rated load	Q	t		1,3
	1.6	Load centre distance	C	mm		600
	1.8	Load distance, centre of drive axle to fork	x	mm		718 / 717
Weight	1.9	Wheelbase	Y	mm		1229 / 1245 (2)
	2.1	Service weight (battery included)		Kg	1010	1090
	2.2	Axle loading, laden (front / rear)		Kg	885 / 1425	965 / 1425
Wheels and frame	2.3	Axle loading, unladen (front / rear)		Kg	760 / 250	840 / 250
	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane			Solid rubber	Vulkollan
	3.2	Tyre size, front		mm		260x85 / 150x50
	3.3	Tyre size, rear		mm		85x70
	3.5	Wheels, number front rear (x = driven wheels)				1X + 2/4
	3.6	Tread, front	b10	mm		754
Dimensions	3.7	Tread, rear	b11	mm		380
	4.2	Height, mast lowered	h1	mm		(see table)
	4.3	Free lift	h2	mm		(see table)
	4.4	Lift	h3	mm		(see table)
	4.5	Height, mast extended	h4	mm		(see table)
	4.6	Initial lift	h5	mm		(see table)
	4.8	Seat height / stand height	h7	mm		135
	4.9	Height of tiller in drive position (min. / max.)	h14	mm		952 / 1265
	4.15	Height of forks from ground	h13	mm		85
	4.19	Overall length	l1	mm		(see table)
	4.20	Length of face of forks	l2	mm		(see table)
	4.21	Overall width	b1	mm		880
	4.22	Fork dimensions	sl1ell	mm		60x180x1150
	4.24	Fork - carriage width	b3	mm		650
	4.25	External fork widths	b5	mm		560
Performance	4.32	Ground clearance, centre of wheelbase	m2	mm		30
	4.34	Aisle width for pallets 800 x 1200 crossways	Ast	mm		(see table)
	4.35	Turning radius	Wa	mm	1447-1463(2)	1575-1934/1591-1949(1)(2)
	5.1	Travel speed (laden / unladen)		Km/h	6 / 6	6 / 6 - 7,5 / 7,5
	5.2	Lift speed (laden / unladen)		m/s		0,13 / 0,26
	5.3	Lowering speed (laden / unladen)		m/s		0,40 / 0,30
	5.7	Gradeability (laden / unladen)		%		7 / 9
	5.8	Max. gradeability (laden / unladen)		%		7 / 15
	5.10	Service brake				Electric
	Electric motor	6.1	Traction motor, power KB 60'		KW	
6.2		Lifting motor, performance 15% ED		KW		2,5
6.3		Battery DIN 43531/35/36 A, B, C,				yes
6.4		Tension / nominal capacity		V / Ah		24 / 240
6.5		Battery weight (± 5%)		Kg		205
Other data	8.1	Control type				Electronic AC
	8.4	Sound level at the driver's ear according to DIN 10 053		dB/(A)		70

Ast includes "a" (manoeuvring space) = 200 mm and means empty pallet space

(1) Vertical platform - Horizontal platform
(2) Triplex

Overall dimensions

	OVERALL DIMENSIONS OF LIFTING GROUPS														
	Lift height	h3	h5	h2	L1	L1 P.O. (1)	L2	L2 P.O. (1)	h1	h4	h4 grid	Ast	Ast P.O. (1)		
Non telescopic NT	1700	1620	1620	/	1884	1989	2363	734	839	1213	2080	2100	2510	2134	2262-2620
Duplex "DV"	2500	2430	150	/	1879	1984	2358	729	834	1208	1780	2960	3320	2129	/
	3000	2930	150	/	1879	1984	2358	729	834	1208	2030	3460	3820	2129	2257-2615
	3500	3430	150	/	1879	1984	2358	729	834	1208	2280	3960	4320	2129	2257-2615
	4000	3930	150	/	1879	1984	2358	729	834	1208	2530	4460	4820	2129	2257-2615
	4300	4270	150	/	1879	1984	2358	729	834	1208	2700	4800	5160	2129	2257-2615
Duplex "DVL"	2500	2445	/	1230	1879	/		729	/		1780	2995	3335	2129	/
	3000	2945	/	1480	1879	1984	2358	729	834	1208	2030	3495	3835	2129	2257-2615
	3500	3445	/	1730	1879	1984	2358	729	834	1208	2280	3995	4335	2129	2257-2615
	4000	3945	/	1980	1879	1984	2358	729	834	1208	2530	4495	4835	2129	2257-2615
Triplex "TV"	4200	4155	/	/	1896	2002	2376	746	852	1226	1980	4750	5045	2147	2275-2633
	4500	/	/	/	/	/		/	/		/	/	/	/	/
	4800	4695	/	/	1896	2002	2376	746	852	1226	2160	5290	5585	2147	2275-2633
	5200	5145	/	/	1896	2002	2376	746	852	1226	2310	5740	6035	2147	2275-2633
	5600	/	/	/	/	/		/	/		/	/	/	/	/
Triplex "TVL"	4200	4170	/	1400	1896	2002	2376	746	852	1226	1980	4750	5060	2147	2275-2633
	4500	/	/	/	/	/		/	/		/	/	/	/	/
	4800	4710	/	1580	1896	2002	2376	746	852	1226	2160	5290	5600	2147	2275-2633
	5200	5160	/	1730	1896	2002	2376	746	852	1226	2310	5740	6050	2147	2275-2633
	5600	/	/	/	/	/		/	/		/	/	/	/	/

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