



Stacker truck 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.

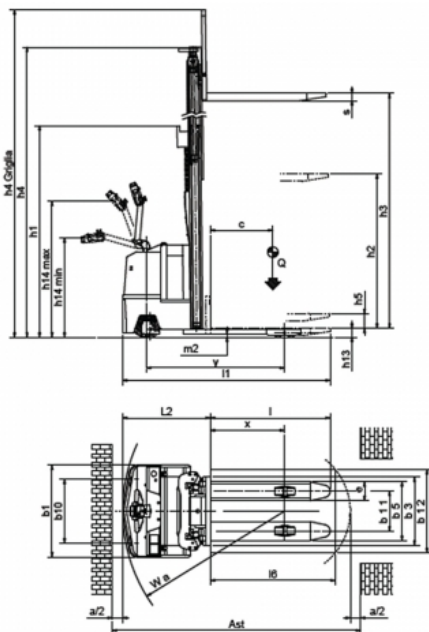
✓ **LOAD CAPACITY UP TO 1.600 KG**

✓ **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 normal use and heavy loads
Load capacity (Kg)	1600	Lifting capacity (mm)	6000



Senza protezioni laterali per velocità fino a 6 km/h

### Characteristics

	1.1	Manufacturer				SAMAG
Characteristics	1.2	Manufacturer's type designation			EL 16 P	EL 16 P 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		1,6
	1.6	Load centre distance	C	mm		600
	1.8	Load distance, centre of drive axle to fork	x	mm		714
	1.9	Wheelbase	Y	mm		1327 / 1349 (2)
Weight	2.1	Service weight (battery included)			Kg	1230
	2.2	Axle loading, laden (front / rear)			Kg	1060 / 1770
	2.3	Axle loading, unladen (front / rear)			Kg	920 / 310
Wheels and frame	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane			Solid rubber	Vulkollan
	3.2	Tyre size, front			mm	307x88 / 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
	3.7	Tread, rear		b11	mm	380
	Dimensions	4.2	Height, mast lowered		h1	mm
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	992 / 1304
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		s1ell	mm	70x180x1150
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
	4.34	Aisle width for pallets 800 x 1200 crossways		Ast	mm	(see table)
	4.35	Turning radius		Wa	mm	1555-1577(2)
	5.1	Travel speed (laden / unladen)			Km/h	6 / 6
	5.2	Lift speed (laden / unladen)			m/s	0,11 / 0,23
	5.3	Lowering speed (laden / unladen)			m/s	0,34 / 0,24
	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	34 / 320
6.5		Battery weight (± 5%)			Kg	260
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)
<b>Non telescopic NT</b>	1700	1620	1620	/	1993	2096	2470	843	946	1320	2080	2100	2510	2386	2513-2872
<b>Duplex "DV"</b>	2500	2430	140	/	1991	/		841	/		1780	2690	3320	2386	/
	3000	2930	140	/	1991	2096	2470	841	946	1320	2030	3460	3820	2386	2513-2872
	3500	3430	140	/	1991	2096	2470	841	946	1320	2280	3960	4320	2386	2513-2872
	4000	3930	140	/	1991	2096	2470	841	946	1320	2530	4460	4820	2386	2513-2872
	4300	4270	140	/	1991	2096	2470	841	946	1320	2700	4800	5160	2386	2513-2872
<b>Duplex "DVL"</b>	2500	2445	/	1230	1991	/		841	/		1780	2995	3335	2386	/
	3000	2945	/	1480	1991	2096	2470	841	946	1320	2030	3495	3835	2386	2513-2872
	3500	3445	/	1730	1991	2096	2470	841	946	1320	2280	3995	4335	2386	2513-2872
	4000	3945	/	1980	1991	2096	2470	841	946	1320	2530	4495	4835	2386	2513-2872
<b>Triplex "TV"</b>	4200	4155	/	/	2013	2119	2493	863	969	1343	1980	4750	5045	2408	2535-2894
	4500	/	/	/	/	/		/	/		/	/	/	/	/
	4800	4695	/	/	2013	2119	2493	863	969	1343	2160	5290	5585	2408	2535-2894
	5200	5145	/	/	2013	2119	2493	863	969	1343	2310	5740	6035	2408	2535-3894
	5600	5595	/	/	2013	2119	2493	863	969	1343	2460	6190	6485	2408	2535-2894
<b>Triplex "TVL"</b>	4200	4170	/	1400	2013	2119	2493	863	969	1343	1980	4750	5060	2408	2535-2894
	4500	/	/	/	/	/		/	/		/	/	/	/	/
	4800	4710	/	1580	2013	2119	2493	863	969	1343	2160	5290	5600	2408	2535-2894
	5200	5160	/	1730	2013	2119	2493	863	969	1343	2310	5740	6050	2408	2535-2894
	5600	5610	/	1880	2013	2119	2493	863	969	1343	2460	6190	6500	2408	2535-2894

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