EL 20

High-performance stacker truck

Samag Industriale S.r.l. - Loc. Pagana - 29017 Fiorenzuola d'Arda (PC) | Tel. +39 0523 981598 - Fax +39 0523 943128 - E-mail:info@samag.it - P.IVA 01391910336

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Increasingly higher: stacker truck suitable for picking and storage operations up to 6.500 mm

STRENGTHS:

- Masts with **light design** for total **visibility**
- **AC** alternating current traction motor ensuring **greater power** and **maximum efficiency** with **less maintenance**
- **Swivel castors** fitted inside the frame dimensions
- Fork lifting and lowering with **operator platform**
- 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.

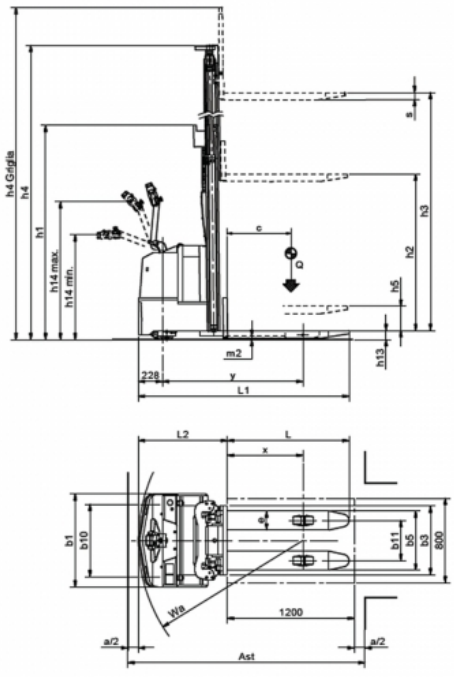
✓ **LOAD CAPACITY UP TO 2.000 KG**

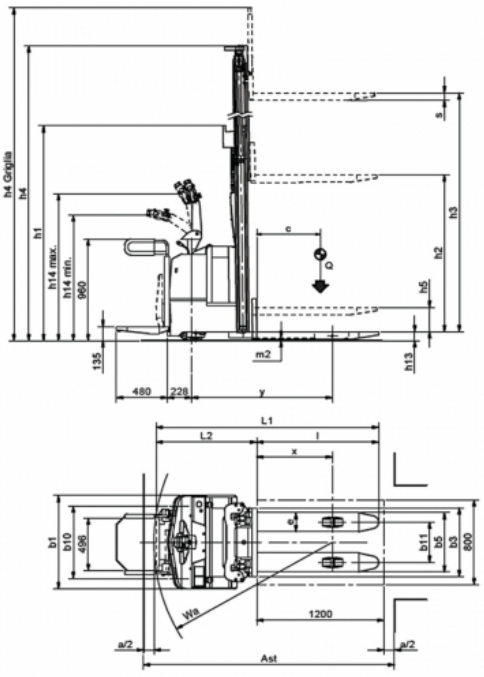
✓ **SPECIAL DIMENSIONS UPON REQUEST**

SOME OPTIONALS

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

Type	Stacker trucks	**Class**	Stacker trucks for normal use and heavy loads
Load capacity (Kg)	2000	**Lifting capacity (mm)**	6500





prodotti SAMAG e relative illustrazioni possono essere soggetti a varianti senza preavviso

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Characteristics

	1.1	Manufacturer			SAMAG	
Characteristics	1.2	Manufacturer's type designation			EL 20	EL 20 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		2,0
	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	1260	1290
	2.2	Axle loading, laden (front / rear)		Kg	1120 / 2140	1140 / 2150
	2.3	Axle loading, unladen (front / rear)		Kg	950 / 310	970 / 320
Wheels and frame	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane			Vulkollan	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 + 4/4
	3.6	Tread, front	b10	mm		820
	3.7	Tread, rear	b11	mm		380
Dimensions	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		992 / 1366
	4.15	Height of forks from ground	h13	mm		85
	4.19	Overall length	L1	mm		(see table)
	4.20	Lenght of face of forks	L2	mm		(see table)
	4.21	Overall width	b1	mm		1000
	4.22	Fork dimensions	slell	mm		70x180x1150
	4.24	Fork - carriage width	b3	mm		650
	4.25	External fork widths	b5	mm		560
	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	1555-1577(2)	1682-2041/1704-2063(1)(2)
Performance	5.1	Travel speed (laden / unladen)		Km/h	6 / 6	6 / 6 - 8,5 / 8,5
	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		2 AC
	6.2	Lifting motor, performance 15% ED		KW		3
	6.3	Battery DIN 43531/35/36 A, B, C,				yes
	6.4	Tension / nominal capacity		V / Ah		24 / 320
	6.5	Battery weight (± 5%)		Kg		256
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

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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	/	1991	2096	2470	841	946	1320	2080	2100	2510	2241	2368	2727
Duplex "DV"	2500	2430	140	/	1991	2096	2470	841	/		1780	2960	3320	2241	/	
	3000	2930	140	/	1991	2096	2470	841	946	1320	2030	3460	3820	2241	2368	2727
	3500	3430	140	/	1991	2096	2470	841	946	1320	2280	3960	4320	2241	2368	2727
	4000	3930	140	/	1991	2096	2470	841	946	1320	2530	4460	4820	2241	2368	2727
	4300	4270	140	/	1991	2096	2470	841	946	1320	2700	4800	5160	2241	2368	2727
Duplex "DVL"	2500	2445	/	1230	1991	2096	2470	841	/		1780	2995	3335	2241	/	
	3000	2945	/	1480	1991	2096	2470	841	946	1320	2030	3495	3835	2241	2368	2727
	3500	3445	/	1730	1991	2096	2470	841	946	1320	2280	3995	4335	2241	2368	2727
	4000	3945	/	1980	1991	2096	2470	841	946	1320	2530	4495	4835	2241	2368	2727
Triplex "TV"	4200	4155	/	/	2013	2119	2493	863	969	1343	1980	4750	5045	2263	2390	2749
	4800	4695	/	/	2013	2119	2493	863	969	1343	2160	5290	5585	2263	2390	2749
	5200	5145	/	/	2013	2119	2493	863	969	1343	2310	5740	6035	2263	2390	2749
	5600	5595	/	/	2013	2119	2493	863	969	1343	2460	6190	6485	2263	2390	2749
	6000	5945	/	/	2013	2119	2493	863	969	1343	2577	6540	6835	2263	2390	2749
	6500	6445	/	/	2013	2119	2493	863	969	1343	2743	7040	7335	2263	2390	2749
Triplex "TVL"	4200	4170	/	1400	2013	2119	2493	863	969	1343	1980	4750	5060	2263	2390	2749
	4800	4710	/	1580	2013	2119	2493	863	969	1343	2160	5290	5600	2263	2390	2749
	5200	5160	/	1730	2013	2119	2493	863	969	1343	2310	5740	6050	2263	2390	2749
	5600	5610	/	1880	2013	2119	2493	863	969	1343	2460	6190	6500	2263	2390	2749
	6000	5961	/	1997	2013	2119	2493	863	969	1343	2577	6541	6851	2263	2390	2749
	6500	6459	/	2163	2013	2119	2493	863	969	1343	2743	7039	7349	2263	2390	2749

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(2) Triplex