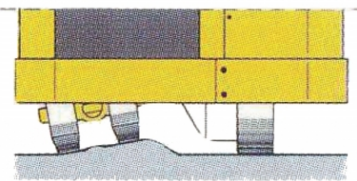


ELFO 1

Stacker truck with seated operator for narrow and high environments



Elfo 1 is a stacker truck intended for handling of pallets up to 6.500 mm in narrow corridors.

During horizontal movements, thanks to the transversal driving position, the operator has the best visibility conditions to make the most of the travelling speed.

STRENGTHS:

- Masts with **light design** for total **visibility**
- **AC** alternating current **traction motor** ensuring **greater power** and **maximum efficiency** with **less maintenance**
- All operating controls placed on the **dashboard**
- **Electric steering system**
- Fork lifting and lowering with **proportional controls**
- Oscillating **twinned pivoting wheels**
- **Adjustable** accelerator pedal
- Button for **slow functions**

Optionals:

- **Narrow version** (b1 = 880 mm)
- **Joystick**

✓ **LOAD CAPACITY UP TO 1.300 KG**

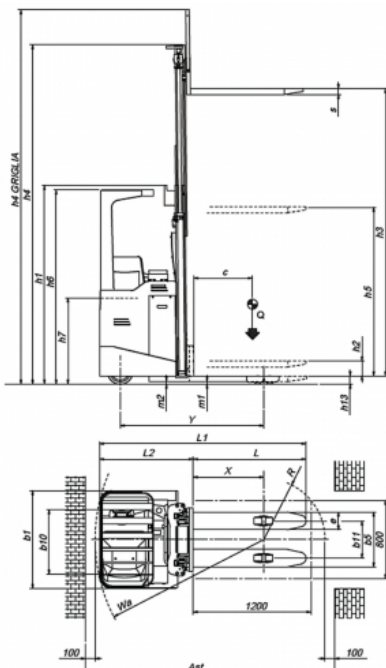
✓ **SPECIAL DIMENSIONS UPON REQUEST**

✓ **GREATER LOAD CAPACITIES UPON REQUEST**

SOME OPTIONALS

-  **METALLIC/GALVANISED VERSION**
-  **LITHIUM BATTERY**
-  **SCALE/PRINTER**
-  **USE IN COLD STORE**

Type	Stacker trucks	Class	Ride-on stacker trucks for normal-intensive use and heavy loads
Load capacity (Kg)	1300	Lifting capacity (mm)	6500



Characteristics

	1.1	Manufacturer			SAMAG
Caratteristiche	1.2	Manufacturer's type designation			ELFO 1
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas			Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker			Seduto
	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
Weight	1.9	Wheelbase	Y	mm	1465 - 1483 (1)
	2.1	Service weight (battery included)		Kg	1360 (3)
	2.2	Axle loading, laden (front / rear)		Kg	1093 - 1567 (3)
Wheels and frame	2.3	Axle loading, unladen (front / rear)		Kg	990 - 370 (3)
	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane			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	672
	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)
	4.7	Height of overhead guard (cabin)	h6	mm	2030
	4.8	Seat height / stand height	h7	mm	880
	4.15	Height of forks from ground	h13	mm	85
	4.19	Overall length	l1	mm	2111 - 2129 (1)
	4.20	Length of face of forks	l2	mm	961 - 979 (1)
	4.21	Larghezza totale	b1	mm	998
	4.22	Fork dimensions	s/e/l	mm	60x180x1150
	4.25	External fork widths	b5	mm	560
	4.31	Ground clearance, laden, below mast	m1	mm	25
	4.32	Ground clearance, centre of wheelbase	m2	mm	30
4.34	Aisle width for pallets 800 x 1200 crossways	Ast	mm	(2406) 2547 - (2424) 2565 (1)(2)	
4.35	Turning radius	Wa	mm	1721 - 1739 (1)	
Performance	5.1	Travel speed (laden / unladen)		Km/h	8 / 9
	5.2	Lift speed (laden / unladen)		m/s	0,13 / 0,26
	5.3	Lowering speed (laden / unladen)		m/s	0,4 / 0,3
	5.7	Gradeability (laden / unladen)		%	8 / 9
	5.8	Max. gradeability (laden / unladen)		%	8 / 17
	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	2,5
		Steering motor		KW	0,3
	6.3	Battery DIN 43531/35/36 A, B, C,			yes
	6.4	Tension / nominal capacity		V / Ah	24 / 320 - (500)
	6.5	Battery weight (± 5%)		Kg	256 - (366)
Other data	8.1	Control type			Electric
	8.4	Sound level at the driver's ear according to DIN 10 053		dB/(A)	<70

AST comprende "a" (spazio di manovra) = 200 mm AST comprende "a" (spazio di manovra) = 200 mm
 (1) Duplex / Triplex
 (2) I valori di AST tra parentesi sono calcolati senza considerare il raggio "R"
 (3) Valori riferiti a "DV 3000"

Overall dimensions

OVERALL DIMENSIONS OF LIFTING GROUPS

TYPE	Lift height	h3	h2	h5	h1	h4	h4 grid
Non telescopic	1700	1620	1620		2080	2100	2510
	3000	2930	150		2030	3460	3820
Duplex "DV"	3500	3430	150		2280	3960	4320
	4000	3930	150		2530	4460	4820
	4300	4270	150		2700	4800	5160
Duplex "DVL"	3000	2945		1480	2030	3495	3835
	3500	3445		1730	2280	3995	4335
	4000	3945		1980	2530	4495	4835
Triplex "TV"	4200	4155			1980	4750	5045
	4800	4695			2160	5290	5585
	5200	5145			2310	5740	6035
	6000	5895			2560	6490	6785
	6500	6405			2730	7000	7295
Triplex "TVL"	4200	4170		1400	1980	4750	5060
	4800	4710		1580	2160	5290	5600
	5200	5160		1730	2310	5740	6050
	6000	5910		1980	2560	6490	6800
	6500	6420		2150	2730	7000	7310

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