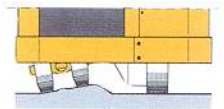


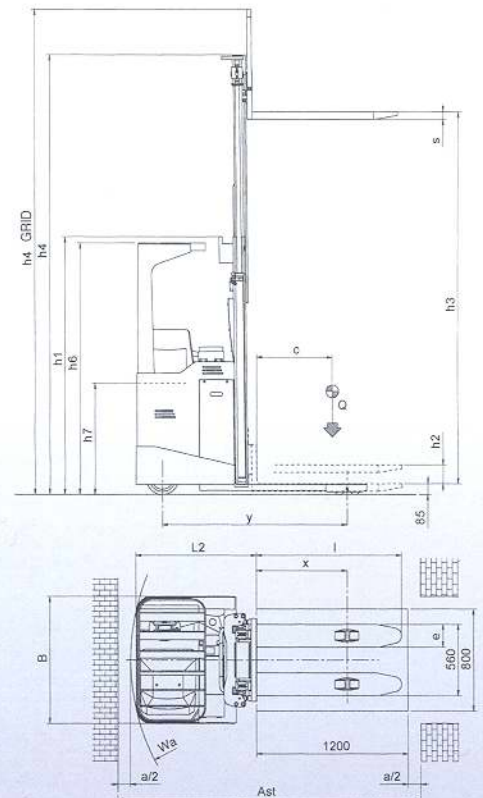
ELFO 1



- ✓ "Intelligent" electronic panel for total truck control
- ✓ Electronic braking with energy regain
- ✓ during gear inversion and speed reduction
- ✓ Proportional lift for perfect lifting and lowering of forks
- ✓ Standard electric steering
- ✓ Button for slow functions
- ✓ Spring-loaded seat with 4 different adjustments
- ✓ Adjustable accelerator pedal
- ✓ Twinned oscillating caster wheels



TECHNICAL DATA		ELFO 1
Q	- Capacity	Kg 1300
c	- Load centre	mm 600
l	- Fork lengths	mm 1150
x	- Load distance	mm 718
y	- Axle distance	mm 1465
L2	- Length	mm 961
e	- Individual fork width	mm 180
s	- Fork thickness	mm 60
h1	- Closed mast height	mm 2030
h2	- Standard free lift	mm 150
h3	- Lift height	mm 2930
h4	- Extended mast height	mm 3460
h5	- Special free lift	mm 1480
Wa	- Turning radius	mm 1721
B	- Total width	mm 998



Characteristics	Maker	Firm	SAMAG
	Model	Name	ELFO 1
	Capacity	Q = Load maximum	t. 1,3
	Load centre	c = Load centre distance	mm. 600
	Traction	Battery, Diesel, Gas, Electric	BATTERY
	Steering	Tiller, operator standing / seated	OPERATOR SEATED
	Tyres	V = Solid, L = Pneumatic front drive/rear load	V/V
	Wheels (X = driving)	Quantity front/rear	1X+2/4
	Dimensions	Lift height	h3 = Lift
h2 = Standard free lift			mm. (see table)
h5 = Special free lift			mm. (see table)
Fork carrier plate		DIN / F.E.M. / ISO / Covering	COVERING
Forks		s - e - l	mm. 60x180x1150
Overall dimensions		L2 = Length including fork support	mm. 961-979 ❶
		B = Total width	mm. 998
		h1 = Height of closed mast	mm. (see table)
		h4 = Height of extended mast	mm. (see table)
		h6 = Height over protection roof	mm. 2030
		h7 = Height operator seat	mm. 880
Turning radius		Wa	mm. 1721-1739 ❶
Load position		X from middle front axes	mm. 718
Aisle width	Ast with pallet 800x1200 longitudinal	mm. (2406) 2547- (2424) 2565 ❶ ❷	
Performance	Speed	Movement with/without load	Km/h 8/9,2
		Lift with/without load	m/s 0,13/0,26
		Lowering with/without load	m/s 0,4/0,3
	Gradeability	With/without load	% 8/9
Max gradeability	With/without load (KB 5 min.)	% 8/17	
Weights	Weight	Including battery	Kg. 1270 ❸
	Axle load	With load front/rear	Kg. 1070-1590 ❹
		Without load front/rear	Kg. 880-390 ❹
Traction	Wheels	Quantity front/rear	3-4
		Front dimensions	mm. Ø260x85/Ø150x50
		Rear dimensions	mm. Ø85x70
	Wheel base	Y	mm. 1465 - 1483 ❶
	Wheel track	At tyre centres front/rear	mm. 672/380
	Space	With load m1 at lowest point	mm. 28
		With load m2 at centre of wheel base	mm. 30
	Service brake	Mechanical/hydraulic/electric/pneumatic	ELECTRIC
Parking brake	With foot/hand/dead man	DEAD MAN	
Controls	Battery	DIN	NO
		Tension/capacity with 5 hrs. of discharge	V/Ah 24/280 - 500
		Weight	Kg. 255 - 390
	Electric motor	Traction motor power (KB 60 min.)	Kw 1,5 - SEP. EXCITATION
		Lift motor power with 15%	Kw 2,5
		Electric steering motor	Kw 0,2
	Transmission	Type	ELECTRONIC SEP. EXCITATION
	Drive unit	Type	HELICOIDAL GEARINGS
Work pressure	For equipment (accessories)	bar 170	
Noise level	Average noise level of human hearing	dB (A) < 70	



ERGONOMICS APPLIED TO ALL TRUCK MOVEMENTS



OVERALL DIMENSIONS OF LIFTING GROUPS

TYPE	LIFT HEIGHT	Q Kg	h3	h2	h5	m1	m4	m4 GRID
NON TELESCOPIC	1700	1300	1620	1620	/	2080	2100	2510
	3000	1300	2930	150	/	2030	3460	3820
DUPLEX "DV"	3500	1000	3430	150	/	2280	3960	4320
	4000	800	3930	150	/	2530	4460	4820
	4300	700	4270	150	/	2700	4800	5160
	3000	1300	2945	/	1480	2030	3495	3835
DUPLEX "DVL"	3500	1000	3445	/	1730	2280	3995	4335
	4000	800	3945	/	1980	2530	4495	4835
	4200	900	4155	/	/	1980	4750	5045
TRIPLEX "TV"	4800	800	4695	/	/	2160	5290	5585
	5200	700	5145	/	/	2310	5740	6035
	6000	600	5895	/	/	2560	6490	6785
	6500	400	6405	/	/	2730	7000	7295
	4200	900	4170	/	1400	1980	4750	5060
TRIPLEX "TVL"	4800	800	4710	/	1580	2160	5290	5600
	5200	700	5160	/	1730	2310	5740	6050
	6000	600	5910	/	1980	2560	6490	6800
	6500	400	6420	/	2150	2730	7000	7310

AST includes "a" (manoeuvring space) = 200 mm.

❶ Duplex / Triplex.

❷ The Ast values in brackets are calculated without considering the radius "R"

❸ Values referred to model "DV 3000"