

ELFO INOX

Stainless steel stacker truck with seated operator



IDEAL FOR USE IN NARROW CORRIDORS AND TO HANDLE PALLETS UP TO 5.200 MM

ELFO INOX stacker truck with seated operator by Samag is made of stainless steel or non-corrosive material, thus intended to be used in environments where cleanliness and hygiene are essential conditions and where there are problems of corrosion. During horizontal movements, thanks to the transversal driving position, the operator has the best visibility conditions to make the most of the travel speed.

Electronic braking with engine recovery during reversal and speed reduction. Multifunction joystick for fork lifting and lowering proportional control and simultaneous control of traction, acceleration, deceleration and reversal.

All made with:

- frame with **rounded shapes** to reduce the deposit of residues and allow a good daily washing with fresh water
- exclusive mast unit for **Samag** with **total visibility**
- **laminated stainless steel frame** and mast unit with high resistance to bending and torsion, with **quality certificate**
- lifting cylinder (including pulley lifting chain) **fully made of stainless steel** or non-corrosive material
- AISI 304 cast **stainless steel gearbox** casing
- bonnet and tiller arm with **protection degree** against water spray
- brushless **AC** alternating current **traction motor: less maintenance and more power**
- **stainless steel** bearings, pins and bushes on wheels, rollers and masts
- spring loaded central drive wheel with adjustable load, for **efficient ground contact** at all times
- plastic push-button control box **resistant to corrosive agents** and protected
- **Cold store** version (upon request)

✓ LOAD CAPACITY UP TO

1.300 KG

✓ PERFECT COMBINATION OF PERFORMANCE EFFICIENCY AND ERGONOMICS

✓ SPECIAL CONSTRUCTIONS UPON REQUEST

? SPECIAL DIMENSIONS UPON REQUEST

SOME OPTIONALS



ELECTRIC STEERING



LITHIUM BATTERY



SCALE/PRINTER



USE IN COLD STORE

Type	Stainless steel forklift trucks	Class	Ride-on stainless steel stackers for normal-intensive use
Load capacity (Kg)	1300	Lifting capacity (mm)	5200

Characteristics

	1.1	Manufacturer			SAMAG
	1.2	Manufacturer's type designation			ELFO INOX
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas			Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker			seated
Characteristics	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	768
	1.9	Wheelbase	Y	mm	1526-1544 (1)
Weight	2.1	Service weight (battery included)		Kg	1410 (2)
	2.2	Axle loading, laden (front / rear)		Kg	1120-1590 (2)
	2.3	Axle loading, unladen (front / rear)		Kg	980-430 (2)
Wheels and frame	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane			Supertraction
	3.2	Tyre size, front		mm	260 x 85 / 150 x 50
	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	552
	3.7	Tread, rear	b11	mm	380
	4.2	Height, mast lowered	h1	mm	(see table)
Dimensions	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	920
	4.9	Height of tiller in drive position (min. / max.)	h14	mm	---
	4.15	Height of forks from ground	h13	mm	85
	4.19	Overall length	l1	mm	2090-2108 (1)
	4.20	Length of face of forks	l2	mm	940-958 (1)
	4.21	Overall width	b1	mm	880
	4.22	Fork dimensions	sl11	mm	60 x 180 x 1150
	4.24	Fork - carriage width	b3	mm	700
	4.25	External fork widths	b5	mm	560
	4.32	Ground clearance, centre of wheelbase	m2	mm	28
	4.34	Aisle width for pallets 800 x 1200 crossways	Ast	mm	2530-2548 (1)
Performance	4.35	Turning radius	Wa	mm	1741-1759 (1)
	5.1	Travel speed (laden / unladen)		Km/h	8 / 9,2
	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)		%	8 / 9
	5.8	Max. gradeability (laden / unladen)		%	8 / 9
Electric motor	5.10	Service brake			Electric
	6.1	Traction motor, power KB 60'		KW	2 AC
		Steering motor		KW	0,3
	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	24/500
Altri dati	6.5	Battery weight (± 5%)		Kg	366
	8.1	Control type			Electric AC
	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 ed è inteso per posto pallet vuoto

(1) Duplex / Triplex

(2) Valori riferiti a DV 3000

Overall dimensions

OVERALL DIMENSIONS OF LIFTING GROUPS						
	Lift height	h3	h2	h5	h1	h4
Non telescopic NT	1700	1620	1620	/	2080	2100
Duplex "DV"	3000	2430	150	/	2030	3460
	3500	2930	150	/	2280	3960
Duplex "DVL"	3000	2945	/	1480	2030	3495
	3500	3445	/	1730	2280	3995
Triplex "TV"	4200	4155	/	/	1980	4750
	4500	4395	/	/	2060	4990
	4800	4695	/	/	2160	5290
Triplex "TVL"	4200	4170	/	1400	1980	4750
	4500	4410	/	1480	2060	4990
	4800	4710	/	1580	2160	5290