PRAMAC

ENERGY GENERATION

LX 14/45 TRIPLEX FREE LIFT

DESIGNED FOR TOP PERFORMANCE

LX TRIPLEX

A machine designed to meet the needs of handling and logistics professionals. Apart from the typical LX series characteristics these models have a more powerful motor (3 kW), higher lifting heights (up to 5.0 m) and the possibility of a complete free lift.

LX INITIAL LIFTING

Apart from the LX series high capacity characteristics the initial Lifting models also offer the possibility to lift legs, hence facilitating the overcoming of ramps and knick points. These new models can also be used for the simultaneous transport of 2 pallets: one with the forks and one with the clamps.

THREE LIFTING STAGES

• The Triplex model has 3 lifting stages that allow for load lifting up to a height of 5,000 mm.
• The LX14/45 and LX14/50 models have 2 side cylinders that guarantee excellent visibility for the operator during the manoeuvring phases.

TOTAL FREE LIFT

This system allows for raising the forks up to a height of 1,677 mm from the ground without an increase in the minimum overall size of the stacker (h1).

PLATFORM

A platform is also available as an optional part for all LX models; it is very useful both for covering medium-sized distances and for intensive applications.

TILLER AND CONTROLS

• Butterfly valve for traction control;
• Safety pushbutton with warning buzzer;
• Luminous indicator for battery state control and hour counter indicator.

Description			
1.1 Manufacturer			LIFTER
1.3 Drive			Electric
1.4 Operator type			Pedestrian
1.5 Load capacity	Q	Kg	1400
1.6 Load centre distance	c	mm	600
1.8 Load axle to end forks	x	mm	800
1.9 Wheel base	y	mm	1425

Weights			
2.1 Service weight (battery included)		Kg	1069
2.1 Service weight, With platform - battery included		Kg	NOT APPLICABLE
2.2 Axle load, laden rear		Kg	1550
2.2 Axle load, laden front		Kg	919
2.3 Axle load, unladen front		Kg	725
2.3 Axle load, unladen rear		Kg	344

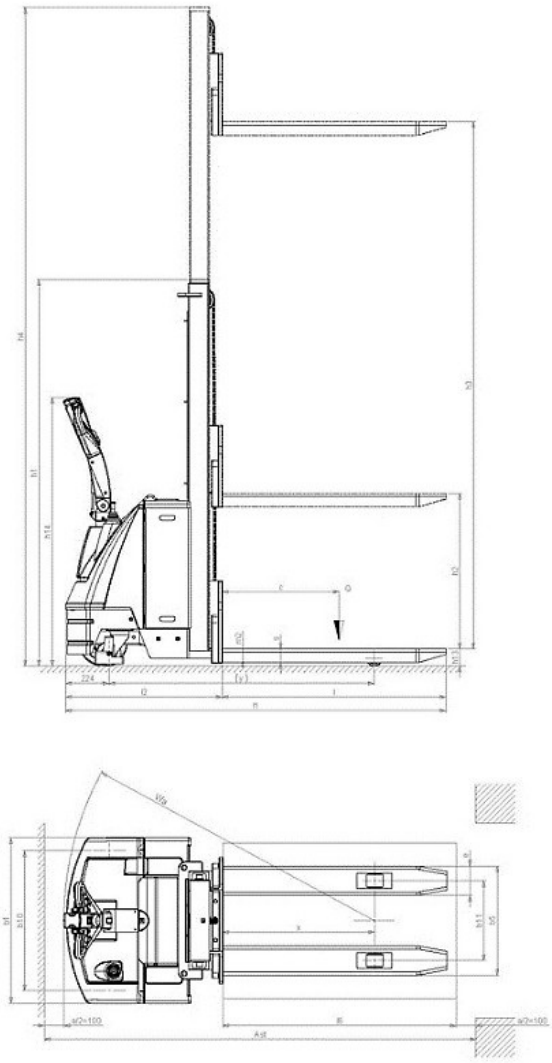
Tyres/Chassis			
3.1 Tyres: front wheels			RUBBER
3.1 Tyres: stabilizers wheels - Front			POLY.C.
3.1 Tyres: rear wheels			POLY.C.
3.2 Tyre size: Steering wheels - Width		mm	101
3.2 Tyre size: Steering wheels - Diameter		mm	250
3.3 Tyre size: Load rollers - Diameter		mm	82
3.3 Tyre size: Load rollers - Width		mm	70
3.4 Tyre size: stabilizers wheels front - Diameter		mm	125
3.4 Tyre size: stabilizers wheels front - Width		mm	50
3.5 Tyre size: rear wheels - Q.ty (X=driven)		nr	4
3.6 Tread, front	b10	mm	720
3.7 Tread, rear	b11	mm	390

Dimensions				
4.2	Height, mast lowered	h1	mm	2132
4.3	Normal free lifting	h2	mm	1510
4.4	Lift height	h3	mm	4410
4.5	Height, mast extended	h4	mm	5072
4.6	Initial lift	h5	mm	NOT APPLICABLE
4.9	Height of tiller in drive position max	h14	mm	1390
4.15	Height, lowered	h13	mm	90
4.19	Overall lenght	l1	mm	2000
4.19	Overall lenght with lowered platform	l1	mm	2503
4.19	Overall lenght with raised platform	l1	mm	2092
4.20	Lenght to face of forks	l2	mm	850
4.20	Lenght to face of forks with lowered platform	l2	mm	1353
4.20	Lenght to face of forks with raised platform	l2	mm	942
4.21	Overall width	b1	mm	850
4.22	Fork dimensions - Thickness	s	mm	70
4.22	Fork dimensions - Width	e	mm	170
4.22	Fork dimensions - Lenght	l	mm	1150
4.24	Fork carriage width	b3	mm	644
4.25	Distance between fork arms	b5	mm	560
4.26	Distance between legs	b4	mm	NOT APPLICABLE
4.32	Ground clearance, centre of wheelbase	m2	mm	20
4.34	Aisle width	Ast	mm	2426
4.34	Aisle width with lowered platform	Ast	mm	2936
4.34	Aisle width with raised platform	Ast	mm	2479
4.35	Turning radius	Wa	mm	1660
4.35	Turning radius with lowered platform	Wa	mm	2170
4.35	Turning radius with raised platform	Wa	mm	1713

Performance data			
5.1	Travel speed laden	Km/h	5.5
5.1	Travel speed unladen	Km/h	6.0
5.1	Travel speed laden with platform in raised position or with raised forks	Km/h	2.5
5.1	Travel speed unladen with platform in raised position or with raised forks	Km/h	3.0
5.2	Lifting speed laden	m/s (strokes)	0.12
5.2	Lifting speed unladen	m/s (strokes)	0.17
5.3	Lowering speed laden	m/s	0.4
5.3	Lowering speed unladen	m/s	0.1
5.8	Max gradeability laden	%	5
5.8	Max gradeability unladen	%	10
5.10	Service brake		REVERSE CURRENT BRAKING

Electric motors			
6.1	Drive motor power	kW	1.2
6.2	Lift motor power	kW	3.0
	Battery type		Traction (C5)
6.4	Battery voltage	V	24
6.4	Battery capacity, Min	Ah	180
6.4	Battery capacity, Max	Ah	315
6.5	Battery weight, Min	Kg	190
6.5	Battery weight, Max	Kg	285
8.4	Sound level at driver's ear	dB(A)	67

*Available with double fork lifting control (optional)



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