



LX 14/50 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.



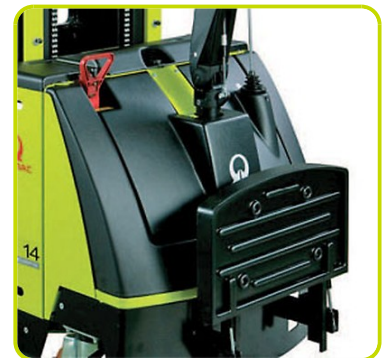
TOTAL FREE LIFT

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	1105
2.1 Service weight, With platform - battery included	Kg	NOT APPLICABLE
2.2 Axle load, laden rear	Kg	1573
2.2 Axle load, laden front	Kg	932
2.3 Axle load, unladen front	Kg	749
2.3 Axle load, unladen rear	Kg	356

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	2299
4.3 Normal free lifting	h2 mm	1677
4.4 Lift height	h3 mm	4910
4.5 Height, mast extended	h4 mm	5572
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 length	l1 mm	2000
4.19 Overall length with lowered platform	l1 mm	2503
4.19 Overall length with raised platform	l1 mm	2092
4.20 Length to face of forks	l2 mm	850
4.20 Length to face of forks with lowered platform	l2 mm	1353
4.20 Length 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 - Length	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

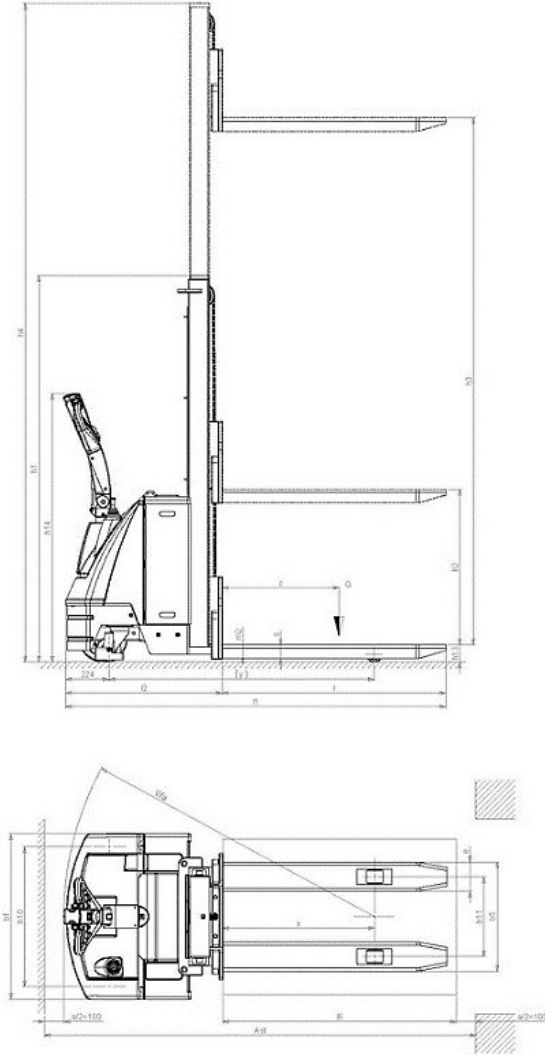
Performance data

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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