



LX 14/29 INITIAL LIFT

DESIGNED FOR TOP PERFORMANCE



LX DUPLEX

The LX series is an added value for handling professionals. Designed to efficiently meet the needs of more difficult applications, these machines combine a standard rich equipment and a high technological level, including the MOSFET electronic control, the separated excited traction motor technology (SEM) and a braking system with energy recovery.

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.



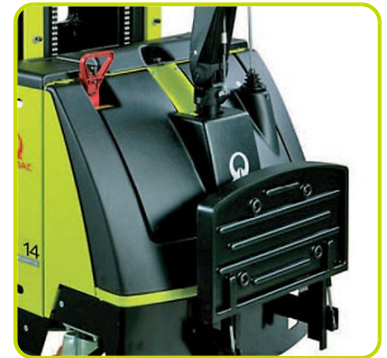
LX-LATERAL LIFTING PISTONS

The LX series electric stackers are characterized by two cylinders allowing for a capacity of up to 1600 kg placed laterally to provide better visibility.



PLATFORM

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



SIDE FRAMES

Apart from the upper cover, the battery compartment is equipped with removable side frames facilitating the replacement of the battery by the operator.



STEERING WHEEL 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	820
1.9 Wheel base	y	mm	1555

Weights

2.1 Service weight (battery included)		Kg	1080
2.1 Service weight, With platform - battery included		Kg	NOT APPLICABLE
2.2 Axle load, laden rear		Kg	1624
2.2 Axle load, laden front		Kg	856
2.3 Axle load, unladen front		Kg	674
2.3 Axle load, unladen rear		Kg	406

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	78
3.3 Tyre size: Load rollers - Width		mm	78
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	360

Dimensions

4.2 Height, mast lowered	h1 mm	1965
4.3 Normal free lifting	h2 mm	NOT APPLICABLE
4.4 Lift height	h3 mm	2810
4.5 Height, mast extended	h4 mm	3370
4.6 Initial lift	h5 mm	120
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	2110
4.19 Overall length with lowered platform	l1 mm	2613
4.19 Overall length with raised platform	l1 mm	2202
4.20 Length to face of forks	l2 mm	960
4.20 Length to face of forks with lowered platform	l2 mm	1463
4.20 Length to face of forks with raised platform	l2 mm	1052
4.21 Overall width	b1 mm	850
4.22 Fork dimensions - Thickness	s mm	70
4.22 Fork dimensions - Width	e mm	200
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	17-137
4.34 Aisle width	Ast mm	2446
4.34 Aisle width with lowered platform	Ast mm	2956
4.34 Aisle width with raised platform	Ast mm	2499
4.35 Turning radius	Wa mm	1694
4.35 Turning radius with lowered platform	Wa mm	2204
4.35 Turning radius with raised platform	Wa mm	1747

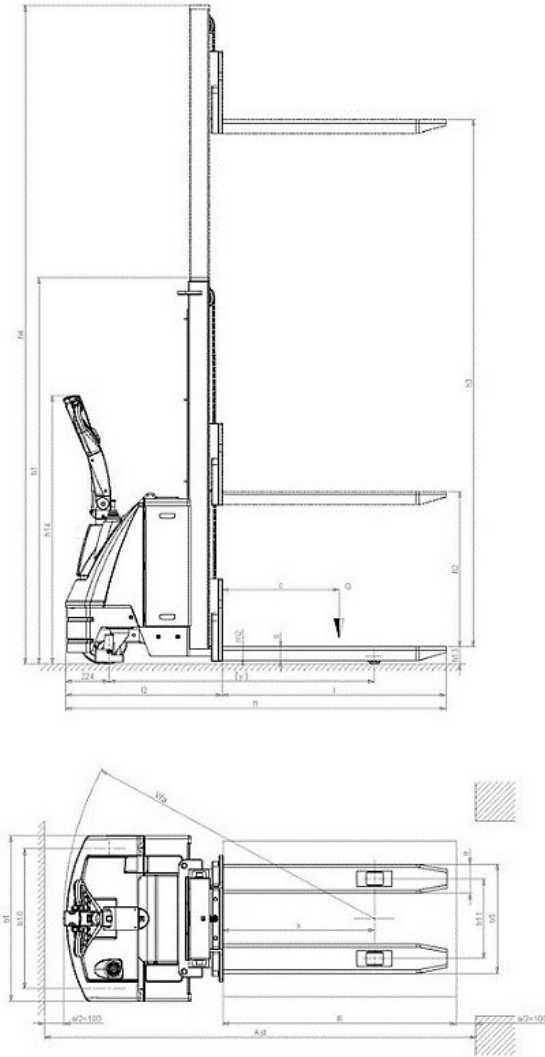
Performance data

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	3.5
5.1 Travel speed unladen with platform in raised position or with raised forks	Km/h	4.0
5.2 Lifting speed laden	m/s (strokes)	0.08
5.2 Lifting speed unladen	m/s (strokes)	0.12
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	2.5
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)



Printed on 31/08/2015 (ID 652)

©2012 | PR INDUSTRIAL s.r.l. | All rights reserved | Image shown may not reflect actual package. Specifications subject to change without notice | ENERGY GENERATION is registered trademarks of PR INDUSTRIAL s.r.l. Other company, product or service names may be trademarks or service marks of others. RevA (06/2012).