

STACKER LX 16/16

POWER AND CONTROL

**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.



STACKER LX 16/16
Description

1.1	Manufacturer		LIFTER
1.3	Drive (Manual/Electric)		ELECTRIC
1.4	Operator type (Pedestrian/Standing)		PEDESTRIAN
1.5	Load capacity	Q kg	1600
1.6	Load centre distance	c mm	600
1.8	Load distance, center or drive axle to fork	x mm	820
1.9	Wheel base	y mm	1425

Weight

2.1	Service weight, W/O platform - battery included	kg	754
2.1	Service weight, With platform - battery included	kg	NOT APPLICABLE
2.2	Axle load, laden front	kg	769
2.2	Axle load, laden rear	kg	1585
2.3	Axle load, unladen front	kg	506
2.3	Axle load, unladen rear	kg	248

Tyres/Chassis

3.1	Tyres: traction wheel - Front		RUBBER
3.1	Tyres: stabilizers wheels - Front		POLY.C.
3.1	Tyres: rear wheels		POLY.C.
3.2	Tyre size: Traction wheel front - Diameter	mm	250
3.2	Tyre size: Traction wheel front - Width	mm	101
3.3	Tyre size: rear wheels - Diameter	mm	82
3.3	Tyre size: rear wheels - Width	mm	70
3.3	Tyre size: rear wheels - Q.ty	nr	4
3.4	Tyre size: stabilizers wheels front - Diameter	mm	125
3.4	Tyre size: stabilizers wheels front - Width	mm	50
3.4	Tyre size: stabilizers wheels front - Q.ty	nr	2
3.6	Tread, front	b10 mm	720
3.7	Tread, rear	b11 mm	390

Dimensions

4.2	Height, mast lowered	h1	mm	1965
4.3	Normal free lifting	h2	mm	1510
4.4	Lift height	h3	mm	1510
4.5	Height, mast extended	h4	mm	1965
4.6	Initial lift	h5	mm	NOT APPLICABLE
4.9	Height of tiller in drive position min/max	h14	mm	1390
4.15	Height, lowered	h13	mm	90
4.19	Overall length	l1	mm	1990
4.19	Overall length with lowered platform (Optional LX-FX series)	l1	mm	2493
4.19	Overall length with raised platform (Optional LX-FX series)	l1	mm	2082
4.20	Length to face of forks	l2	mm	840
4.20	Length to face of forks with lowered platform	l2	mm	1343
4.20	Length to face of forks with raised platform	l2	mm	932
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	2412
4.34	Aisle width with lowered platform (Optional for LX-FX series)	Ast	mm	2922
4.34	Aisle width with raised platform (Optional for LX-FX series)	Ast	mm	2465
4.35	Turning radius	Wa	mm	1660
4.35	Turning radius with lowered platform (Optional for LX-FX series)	Wa	mm	2170
4.35	Turning radius with raised platform (Optional for LX-FX series)	Wa	mm	1713

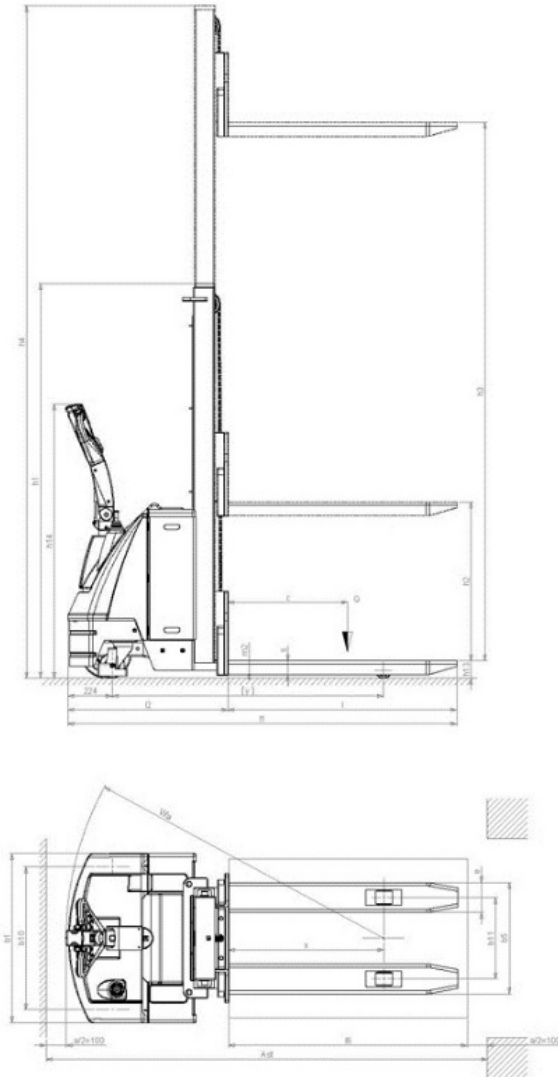
Performance data

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 (Optional for LX-FX series)	km/h	2.5
5.1	Travel speed unladen with platform in raised position or with raised forks (Optional for LX-FX series)	km/h	3.0
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
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	200
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)



Publishing date: 27/09/13

©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).