

LX 16/35



1600kg Capacity

The strong LX structure, the powerful electric motors and the two lateral cylinders allow a nominal load capacity of 1600 kg with a high residual capacity



ZAPI CONTROLLER

AC technology guarantees more energy efficiency and longer battery charging duration, thus reducing maintenance cost. Furthermore the absence of brushes in the motor and the simpler motor structure increase system reliability.



TILLER EVOLUTION

Fully integrated ergonomic technopolymer tiller system including finger tip throttle and proportional fork controls, safety pushbutton, horn, turtle button, hourmeter, battery status indicator as standard equipment.



MANEUVERABILITY

The overall width has the same size than the EuroPallet (800mm) allow the unit to work in narrow spaces and corridors, increase maneuverability and reducing the turning radius.



VISIBILITY

The wide mast and central driving position allow to have a great operator visibility



BATTERY COMPARTMENT

The separate battery compartment allow the installation of high capacity battery (225Ah - 300Ah). The battery inspection is easy and comfortable trough the battery cover with hinges. As option automatic battery refilling system can be supplied as the external high frequency battery charger that can be easilly plugged trough Anderson connector.



EASY MANTENANCE

Removing the strong cover allow to have the access to electric and hydraulic system as to the motorwheel and stabilizing wheels.



OPERATOR PLATFORM

The LX stacker can be equipped with cushioned stand-on foldable platform very useful for covering medium-sized distances and for intensive application.



Description

1.1 Fabricante			PR INDUSTRIAL
1.3 Grupo tracción			ELECTRIC
1.4 Conducción			Acompañante
1.5 Capacidad carga	Q	Kg	1600
1.6 Centro gravedad	c	mm	600
1.8 Distancia de la carga	x	mm	820
1.9 Distancia entre ejes	y	mm	1436

Weights

2.1 Peso con batería		Kg	1090
2.1 Peso con la plataforma - batería incluida		Kg	1130
2.2 Carga sobre ejes con carga, atras		Kg	1685
2.2 Carga sobre ejes con carga, delante		Kg	1005
2.3 Carga sobre ejes sin carga, delante		Kg	750
2.3 Carga sobre ejes sin carga, atras		Kg	340

Tyres/Chassis

3.1 Tyres: front wheels			GOMA
3.1 Tyres: stabilizers wheels - front			POLY.C.
3.1 Ruedas traseras			POLY.C.
3.2 Dimensiones ruedas delanteras - Ancha		mm	101
3.2 Dimensiones ruedas delanteras - Diametro		mm	250
3.3 Dimensiones ruedas traseras - Diametro		mm	82
3.3 Dimensiones ruedas traseras - Ancha		mm	70
3.4 Dimensiones Ruedas Laterales (Ø)		mm	100
3.4 Dimensiones Ruedas Laterales (ancho)		mm	38
3.5 Dimensiones ruedas traseras - Q.ty (X=motriz)		nr	4
3.5 Dimensiones ruedas delanteras - Q.ty (X=motriz)		nr	1x
3.6 Vía delantera	b10	mm	586
3.7 Vía trasera	b11	mm	390

Dimensions

4.2 Height, mast lowered	h1 mm	2265
4.3 Elevacion Libre	h2 mm	NOT APPLICABLE
4.4 Elevación	h3 mm	3410
4.5 Height, mast extended	h4 mm	3970
4.6 Elevacion Inicial	h5 mm	NOT APPLICABLE
4.9 Altura del timón max	h14 mm	1390
4.9 Height of tiller in drive position min	h14 mm	990
4.15 Altura horquillas bajadas	h13 mm	90
4.19 Longitud total	l1 mm	1944
4.19 Overall length with lowered platform (Optional LX-FX series)	l1 mm	2528
4.19 Overall length with raised platform	l1 mm	2068
4.20 Longitud de timón a horquillas	l2 mm	795
4.20 Length to face of forks with lowered platform	l2 mm	1378
4.20 Length to face of forks with raised platform	l2 mm	919
4.21 Ancho total	b1 mm	800
4.22 Dimensiones horquillas	s mm	70
4.22 Dimensiones horquillas	e mm	170
4.22 Dimensiones horquillas	l mm	1150
4.24 Fork carriage width	b3 mm	644
4.25 Ancho horquillas	b5 mm	560
4.26 Distance between legs	b4 mm	NOT APPLICABLE
4.32 Altura libre inferior, con carga, al centro entre ejes	m2 mm	20
4.34 Pasillo de trabajo para palet 800x1200 longit.	Ast mm	2365
4.34 Aisle width with lowered platform	Ast mm	2948
4.34 Aisle width with raised platform	Ast mm	2494
4.35 Radio de giro	Wa mm	1613
4.35 Turning radius with lowered platform	Wa mm	2196
4.35 Turning radius with raised platform	Wa mm	1742

Performances

5.1 Travel speed laden	Km/h	6.0
5.1 Travel speed unladen	Km/h	6.0
5.1 Travel speed laden with platform in lowered position	Km/h	6.0
5.1 Travel speed unladen with platform in lowered position	Km/h	6.0
5.1 Travel speed laden with platform in raised position or with raised forks	Km/h	6.0
5.1 Travel speed unladen with platform in raised position or with raised forks	Km/h	6.0
5.2 Velocidad de elevación con carga	m/s	0.13
5.2 Velocidad de elevación sin carga	m/s	0.25
5.3 Lowering speed laden	m/s	0.31
5.3 Lowering speed unladen	m/s	0.38
5.8 Max gradeability laden	%	5
5.8 Max gradeability unladen	%	10
5.10 Freno De Servicio		REVERSE CURRENT BRAKING

Electric motors

6.1 Drive motor power	kW	1.2
6.2 Lift motor power	kW	3.2
Tipo de batería	Type	Traction (C5)
6.4 Battery voltage	V	24
6.4 Battery capacity, Min	Ah	225
6.4 Battery capacity, Max	Ah	300
6.5 Battery weight, Min	Kg	270
6.5 Battery weight, Max	Kg	270
6.6 Energy consumption according to VDI cycle	kWh/h	1.17
8.4 Sound level at driver's ear	dB(A)	67



The information is aligned with the Data file at the time of download. Printed on 14/08/2018 (ID 3111)

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