

# LX 14/45 TRIPLEX FREE LIFT

## DESIGNED FOR TOP PERFORMANCE



The LX II edition is a strong and reliable partner which bridges the gap between lowduty and heavy duty material handling daily operations. Due to its durability, low maintenance LX is suitable for environments as logistic centers, terminals, production and manufacturing areas. Also the new tiller arm equipped with fork lifting and lowering proportional control improves user-friendliness and maneuverability of the truck.

## TRIPLEX FREELIFT

The combination of the three lifting stages with two lateral cylinder of the Triplex and a central lifting cylinder allow a full freelift (h2): lifting fork without increasing the minimum overall stacker size (h1) to work in container and low roof warehouses

## 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, the simpler motor structure and the possibility of adjusting parameters 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.

#### **TURTLE MODE SWITCH**

Offered as standard, this function enables operating the truck in confined spaces: it allows the unit to travel with the tiller in upright position.

This function is activated by pressing the turtle button on the tiller and rotating the drive control throttle. The truck travels at limited speed.

Release the button to disable this function.









#### 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 allows the installation of high capacity battery (225Ah - 300Ah). The battery inspection is easy and comfortable trought the battery cover with hinges. As option automatic battery refilling system can be supplied as the external high frequency battery charger that can be easily 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.

#### MAST

Wide mast with sticker ruler enables the operator to easily check the forks elevation by sight.













Description			
1.1 Manufacturer			PR INDUSTRIAL
1.3 Drive			Electric
1.4 Operator type			Pedestrian
1.5 Load capacity	Q	kg	1400
1.6 Load centre distance	С	mm	600
1.8 Load axle to end forks	х	mm	797
1.9 Wheel base	У	mm	1436

Weights		
2.1 Service weight (battery included)	kg	1223
2.1 Service weight, With platform - battery included	kg	1263
2.2 Axle load, laden rear	kg	1710
2.2 Axle load, laden front	kg	913
2.3 Axle load, unladen front	kg	823
2.3 Axle load, unladen rear	kg	400

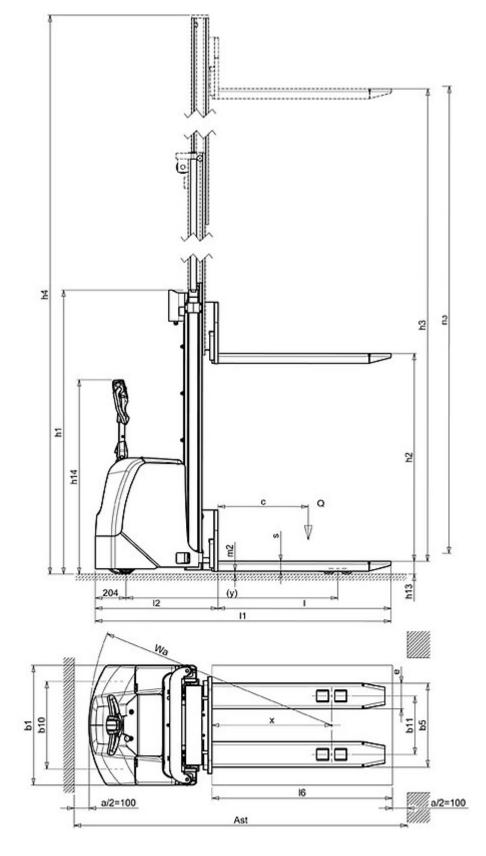
Tyres/Chassis		
3.1 Tyres: front wheels		RUBBER
3.1 Tyres: stabilizers wheels - front		POLY.C.
3.1 Tyres: rear wheels		POLY
3.2 Tyre size: Steering wheels - Width	mm	101
3.2 Tyre size: Steering wheels - Diameter	mm	250
3.3 Tyre size: Load rollers - Diameter	mm	82
3.3 Tyre size: Load rollers - Width	mm	70
3.4 Tyre size: stabilizers wheels front - Diameter	mm	100
3.4 Tyre size: stabilizers wheels front - Width	mm	38
3.5 Tyre size: rear wheels - Q.ty (X=driven)	nr	4
3.5 Tyre size: front wheels - Q.ty (X=driven)	nr	1x
3.6 Tread, front	b10 mm	586
3.7 Tread, rear	b11 mm	390

Dimensions4.2 Height, mast loweredh1 mm204.3 Normal free liftingh2 mm144.4 Lift heighth3 mm444.5 Height, mast extendedh4 mm504.9 Height of tiller in drive position maxh14 mm134.9 Height of tiller in drive position minh14 mm94.15 Height, loweredh13 mm144.19 Overall lenght11 mm194.19 Overall lenght with lowered platform11 mm254.19 Overall lenght with raised platform11 mm26
4.3 Normal free liftingh2 mm144.4 Lift heighth3 mm444.5 Height, mast extendedh4 mm504.9 Height of tiller in drive position maxh14 mm134.9 Height of tiller in drive position minh14 mm134.15 Height, loweredh13 mm144.19 Overall lenght11 mm124.19 Overall lenght with lowered platform11 mm254.19 Overall lenght with raised platform11 mm26
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4.9 Height of tiller in drive position minh14 mm94.15 Height, loweredh13 mm4.19 Overall lenghtl1 mm4.19 Overall lenght with lowered platforml1 mm4.19 Overall lenght with raised platforml1 mm20
4.15 Height, loweredh13 mm4.19 Overall lenghtI1 mm4.19 Overall lenght with lowered platformI1 mm4.19 Overall lenght with raised platformI1 mm20
4.19 Overall lenghtI1mm194.19 Overall lenght with lowered platformI1mm254.19 Overall lenght with raised platformI1mm20
4.19 Overall lenght with lowered platformI1mm254.19 Overall lenght with raised platformI1mm20
4.19 Overall lenght with raised platform I1 mm 20
4.20 Lenght to face of forks I2 mm 8
4.20 Lenght to face of forks with lowered platform l2 mm 14
4.20 Lenght to face of forks with raised platform I2 mm 9
4.21 Overall width b1 mm 8
4.22 Fork dimensions - Thickness s mm
4.22 Fork dimensions - Width e mm 1
4.22 Fork dimensions - Lenght I mm 11
4.24 Fork carriage width b3 mm 6
4.25 Distance between fork arms b5 mm 5
4.32 Ground clearance, centre of wheelbase m2 mm
4.34 Aisle width Ast mm 23
4.34 Aisle width with lowered platform Ast mm 29
4.34 Aisle width with raised platformAstmm25
4.35 Turning radius Wa mm 16
4.35 Turning radius with lowered platformWamm21
4.35 Turning radius with raised platformWamm17

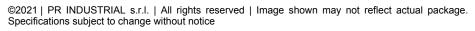
Perfor	mance data		
5.1 Tra	vel speed laden	Km/h	6.0
5.1 Tra	vel speed unladen	Km/h	6.0
5.1 Tra	vel Speed Laden with platform in lowered position	Km/h	6.0
5.1 Tra	vel speed unladen with platform in lowered position	Km/h	6.0
	ivel speed laden with platform in raised position or h raised forks	Km/h	6.0
	vel speed unladen with platform in raised position with raised forks	Km/h	6.0
5.2 Lift	ing speed laden	m/s	0.14
5.2 Lift	ing speed unladen	m/s	0.28
5.3 Lov	wering speed laden	m/s	0.34
5.3 Lov	vering speed unladen	m/s	0.40
5.8 Ma	x gradeability laden	%	5
5.8 Ma	x gradeability unladen	%	10
5.10 Sei	rvice brake		Reverse current braking

Electric motors		
6.1 Drive motor power	kW	1.2
6.2 Lift motor power	kW	3.2
Battery Type	Туре	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

Kg	1400
Kg	1200
Kg	1000
Kg	800
	Kg Kg



The information is aligned with the Data file at the time of download. Printed on 26/10/2021 (ID 3106)





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