

# LX 12/16

# DESIGNED FOR TOP PERFORMANCE



#### LX

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.



# 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	1200
1.6 Load centre distance	С	mm	600
1.8 Load axle to end forks	х	mm	780
1.9 Wheel base	у	mm	1373

Weights		
2.1 Service weight (battery included)	kg	768
2.1 Service weight, With platform - battery included	kg	808
2.2 Axle load, laden rear	kg	1199
2.2 Axle load, laden front	kg	769
2.3 Axle load, unladen front	kg	548
2.3 Axle load, unladen rear	kg	220

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	76
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	410



4.3 Normal free lifting         h2 mm         1510           4.4 Lift height         h3 mm         1510           4.5 Height, mast extended         h4 mm         1965           4.9 Height of tiller in drive position max         h14 mm         1390           4.9 Height of tiller in drive position min         h14 mm         990           4.15 Height, lowered         h13 mm         90           4.19 Overall lenght         l1 mm         1920           4.19 Overall lenght with lowered platform         l1 mm         2503           4.19 Overall lenght with raised platform         l1 mm         2043           4.20 Lenght to face of forks         l2 mm         765           4.20 Lenght to face of forks with lowered platform         l2 mm         1353           4.20 Lenght to face of forks with raised platform         l2 mm         893           4.21 Overall width         b1 mm         800           4.22 Fork dimensions - Thickness         s mm         70           4.22 Fork dimensions - Width         e mm         150           4.22 Fork dimensions - Lenght         l mm         1150           4.24 Fork carriage width         b3 mm         650           4.25 Distance between fork arms         b5 mm         560           4.					
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4.35 Turning radius with raised platform Wa mm 1670	4.35 Turning radio	us with lowered platform	Wa	mm	2133
	4.35 Turning radio	us with raised platform	Wa	mm	1670

Performance data		
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 Lifting speed laden	m/s	0.16
5.2 Lifting speed unladen	m/s	0.29
5.3 Lowering speed laden	m/s	0.27
5.3 Lowering speed unladen	m/s	0.21
5.8 Max gradeability laden	%	5
5.8 Max gradeability unladen	%	10
5.10 Service brake		Electric

Electric motors		
6.1 Drive motor power	kW	1.2
6.2 Lift motor power	kW	2.2
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	1.08
8.4 Sound level at driver's ear	dB(A)	67

Residual lifting capacity		
Lifting height (H3) 1600 mm	Kg	1200









