



PRAMAC LIFTER ELECTRIC STACKER LX16/16

Reference: HL316000000

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 and the simpler motor structure increase system reliability.

Tiller and controls

Improved tiller with lifting/lowering proportional controls. Fully integrated system with throttle, safety pushbutton, horn, hourmeter, battery status indicator and turtle button.

Maneuverability

The overall width has the same size than the EuroPallet (800 mm) 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 maintenance

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.

The images are purely indicative.

Technical Sheet

Drive

Electric

Operator type	Pedestrian
Load capacity (Kg)	1600
Load centre distance (mm)	600
Load axle to end forks (mm)	820
Wheel base (mm)	1436
Service weight (Kg)	920
Axle load, laden rear (Kg)	1632
Axle load, laden front (Kg)	888
Axle load, unladen front (Kg)	633
Axle load, unladen rear (Kg)	287
Tyres: front wheels	RUBBER
Tyres: stabilizers wheels	POLY.C.
Tyres: rear wheels	POLY.C.
Diameter steering wheels (mm)	250
Width steering wheels (mm)	76
Diameter load rollers (mm)	82
Width load rollers (mm)	70
Diameter stabilizers wheels front (mm)	100
Width stabilizers wheels front (mm)	38
Quantity rear wheels	4
Quantity front wheels	1 driven
Tread front (mm)	586
Tread rear (mm)	390
Height mast lowered (mm)	1965
Normal free lifting (mm)	1510
Lift height (mm)	1510
Height mast extended (mm)	1965
Height of tiller in drive position max (mm)	1390
Height of tiller in drive position min (mm)	990
Height lowered (mm)	90
Overall length (mm)	1944
Overall length with lowered platform (mm)	2528
Overall length with raised platform (mm)	2068
Length to face of forks (mm)	795
Length to face of forks with lowered platform (mm)	1378

Lenght to face of forks with raised platform (mm)	919
Overall width (mm)	800
Thickness fork (mm)	70
Width fork (mm)	170
Lenght fork (mm)	1150
Fork carriage width (mm)	644
Distance between fork arms (mm)	560
Ground clearance at centre of wheelbase (mm)	20
Aisle width (mm)	2365
Aisle width with lowered platform (mm)	2948
Aisle width with raised platform (mm)	2494
Turning radius (mm)	1613
Turning radius with lowered platform (mm)	2196
Turning radius with raised platform (mm)	1742
Travel speed laden (Km/h)	6
Travel speed unladen (Km/h)	6
Travel speed laden with platform in lowered position (Km/h)	6
Travel speed unladen with platform in lowered position (Km/h)	6
Travel speed laden with platform in raised position or with raised forks (Km/h)	6
Travel speed unladen with platform in raised position or with raised forks (Km/h)	6
Lifting speed laden (m/s)	0.13
Lifting speed unladen (m/s)	0.25
Lowering speed laden (m/s)	0.31
Lowering speed unladen (m/s)	0.38
Max gradeability laden (%)	5
Max gradeability unladen (%)	10
Drive motor power (KW)	1.2
Lift motor power (KW)	3.2
Battery voltage (V)	24
Battery capacity min (Ah)	225
Battery capacity max (Ah)	300
Battery weight min (Kg)	270
Battery weight max (Kg)	270
Energy consumption according to VDI cycle (KWh/h)	1.17

Sound level at driver's ear	67
Type of lifting	Electric
