



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

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| 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 |

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| 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 |

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