

# LX 14/55 TRIPLEX

DESIGNED FOR TOP PERFORMANCE



The LX II edition is a strong and reliable partner which bridges the gap between low-duty 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

The Triplex model has 3 lifting stages for high lifting height. The 2 side cylinders that guarantee excellent visibility for the operator during the maneuvering phases.



## 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.



## МАНЕВРЕННОСТЬ

Ширина, такая же как и у стандартной европаллеты (800 мм) позволяет свободно маневрировать в узких местах и коридорах, увеличивает маневренность и снижает радиус разворота



## ОБЗОРНОСТЬ

Широкая мачта и управление по центру обеспечивают хорошую обзорность



## BATTERY COMPARTMENTx

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.

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## 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 Изготовитель                                |      | PR<br>INDUSTRIAL |
| 1.3 ТИП УПРАВЛЕНИЯ                              |      | ELECTRIC         |
| 1.4 ТИП УПРАВЛЕНИЯ                              |      | Ручной           |
| 1.5 Грузоподъемность                            | Q Kg | 1400             |
| 1.6 РАССТОЯНИЕ ДО ЦЕНТРА ТЯЖЕСТИ ГРУЗА          | c mm | 600              |
| 1.8 Load distance, center or drive axle to fork | x mm | 797              |
| 1.9 КОЛЕСНАЯ БАЗА                               | y mm | 1436             |

## Weights

|  |    |      |
|--|----|------|
| <u>2.1</u> Вес Штабелера С Аккумулятором (Без Груза) | Kg | 1260 |
| <u>2.2</u> НАГРУЗКА НА ОСИ ПОД ГРУЗОМ, ЗАДНЯЯ ОСЬ    | Kg | 1506 |
| <u>2.2</u> НАГРУЗКА НА ОСИ ПОД ГРУЗОМ, ПЕРЕДНЯЯ      | Kg | 1054 |
| <u>2.3</u> НАГРУЗКА НА ОСИ БЕЗ ГРУЗА, ПЕРЕДНЯЯ       | Kg | 869  |
| <u>2.3</u> НАГРУЗКА НА ОСИ БЕЗ ГРУЗА, ЗАДНЯЯ ОСЬ     | Kg | 391  |

## Tyres/Chassis

|                                       |        |         |
|---------------------------------------|--------|---------|
| 3.1 Переднее Колесо                   |        | RUBBER  |
| 3.1 Tyres: stabilizers wheels - front |        | POLY.C. |
| 3.1 Задние Колеса                     |        | POLY.C. |
| 3.2 Размеры Передних Колес (Ширина)   | mm     | 101     |
| 3.2 Размеры Передних Колес (Ø)        | mm     | 250     |
| 3.3 Размеры Задних Колес (Ø)          | mm     | 82      |
| 3.3 Размеры Задних Колес (Ширина)     | mm     | 70      |
| 3.4 Боковые Колеса (Ø)                | mm     | 100     |
| 3.4 Боковые Колеса (ширина)           | mm     | 38      |
| 3.5 Размер шины: задние колеса        | nr     | 4       |
| 3.5 Размер шины: передние колеса      | nr     | 1x+2/4  |
| 3.6 Колея, Передние Колеса            | b10 mm | 586     |
| 3.7 Колея, Задние Колеса              | b11 mm | 390     |

## Dimensions

|   |        |      |
|---|--------|------|
| 4.2 Height, mast lowered  | h1 mm  | 2414 |
| 4.4 Высота Подъема  | h3 mm  | 5410 |
| 4.5 Height, mast extended   | h4 mm  | 6020 |
| 4.9 Высота Рукоятки При Движении Тележки Макс   | h14 mm | 1390 |
| 4.9 Height of tiller in drive position min  | h14 mm | 990  |
| 4.15 Высота Вил В Опущенном Положении   | h13 mm | 90   |
| 4.19 Общая Длина Тележки  | l1 mm  | 1966 |
| 4.19 Overall length with lowered platform   | l1 mm  | 2550 |
| 4.19 Overall length with raised platform  | l1 mm  | 2090 |
| 4.20 Расстояние До Основания Вил  | l2 mm  | 816  |
| 4.20 Length to face of forks with lowered platform  | l2 mm  | 1400 |
| 4.20 Length to face of forks with raised platform   | l2 mm  | 940  |
| 4.21 Общая Ширина Тележки   | b1 mm  | 800  |
| 4.22 Размеры Вил  | s mm   | 70   |
| 4.22 Размеры Вил  | e mm   | 170  |
| 4.22 Размеры Вил  | l mm   | 1150 |
| 4.24 Fork carriage width  | b3 mm  | 644  |
| 4.25 Расстояние Между Вилами (По Наружному Краю)  | b5 mm  | 560  |
| 4.32 Клиренс, В Центре Колесной Базы  | m2 mm  | 20   |
| 4.34 Расстояние между пролетами стеллажей Для свободной работы с паллетой 800x1200 (продольная установка паллеты) | Ast mm | 2380 |
| 4.34 Aisle width with lowered platform  | Ast mm | 2964 |
| 4.34 Aisle width with raised platform   | Ast mm | 2510 |
| 4.35 Радиус Поворота Тележки  | 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 Скорость Подъема Тележки, С Нагрузкой                                      | m/s                           | 0.14 |
| 5.2 Скорость Подъема Тележки, С Без Груза                                      | m/s                           | 0.28 |
| 5.3 Lowering speed laden   | m/s                           | 0.34 |
| 5.3 Lowering speed unladen   | m/s                           | 0.40 |
| 5.8 Max gradeability laden   | %                             | 5    |
| 5.8 Max gradeability unladen   | %                             | 10   |
| 5.10 Тормоз  | REVERSE<br>CURRENT<br>BRAKING |      |

### Electric motors

|   |       |               |
|---|-------|---------------|
| 6.1 Drive motor power                         | kW    | 1.2           |
| 6.2 Lift motor power                          | kW    | 3.2           |
| Тип батареи                                   | Тип   | 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            |

### Residual lifting capacity

|                             |    |      |
|-----------------------------|----|------|
| Lifting height (H3) 3300 mm | Kg | 1400 |
| Lifting height (H3) 3600 mm | Kg | 1200 |
| Lifting height (H3) 4000 mm | Kg | 1000 |
| Lifting height (H3) 5000 mm | Kg | 800  |
| Lifting height (H3) 5500 mm | Kg | 600  |



The information is aligned with the Data file at the time of download. Printed on 30/04/2019 (ID 2995)

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