

TX 12/35

## THE RAISING POWER



### MX – TX

The TX series stackers are characterized by manual traction and electrohydraulic lifting technology. These stackers are very steady and are suitable for lifting very heavy loads safely. Version 12 (1.2 t) includes polyurethane wheels as standard to reduce resistance and effort required even with full load capacity.

### MX

MX series is not only an excellent compromise between price and performance but is also a very resistant machine. Reinforced forks, a pulley made of steel and forks driven by 4 rollers to the position set are some of the main features of the high quality of this stacker. The machine is also equipped with a foot pedal for the lifting of forks, which considerably reduces the operator's effort.



## TX STRADDLE

The main feature of the Straddle series, which is available for the TX models, is the possibility to adjust the forks and the clamps for great versatility in the handling of loads of different sizes.



## START KEY AND BATTERY CUT-OFF (ISOLATOR) SWITCH

The start key on the TX stacker performs a double function:

- switches the stacker on/off;
- is an emergency control, i.e. it completely stops battery power supply and thus prevents the lifting of forks.



## FOOT BRAKE

The foot brake, which is available on the MX and TX machines, performs the parking brake function.



## TILLER

- The plastic cover increases the ergonomic character of the handle thus rendering the raising and transport operations even "lighter".
- The 3-position control lever (down, neutral, up) is positioned on the steering wheel to foster manoeuvrability.



## ADJUSTABLE BUFFERS

The TX 12 version is equipped with adjustable buffers that minimize possible oscillation during lifting.



### Description

|                            |            |    |      |
|----------------------------|------------|----|------|
| 1.1 Manufacturer           | LIFTER     |    |      |
| 1.3 Drive                  | Manual     |    |      |
| 1.4 Operator type          | Pedestrian |    |      |
| 1.5 Load capacity          | Q          | Kg | 1200 |
| 1.6 Load centre distance   | c          | mm | 600  |
| 1.8 Load axle to end forks | x          | mm | 780  |
| 1.9 Wheel base             | y          | mm | 1155 |

### Weights

|  |    |                |
|--|----|----------------|
| 2.1 Service weight (battery included)                | Kg | 474            |
| 2.1 Service weight, With platform - battery included | Kg | NOT APPLICABLE |
| 2.2 Axle load, laden rear                            | Kg | 1137           |
| 2.2 Axle load, laden front                           | Kg | 537            |
| 2.3 Axle load, unladen front                         | Kg | 345            |
| 2.3 Axle load, unladen rear                          | Kg | 129            |

### Tyres/Chassis

|  |                |                |
|--|----------------|----------------|
| 3.1 Tyres: front wheels                            | NOT APPLICABLE |                |
| 3.1 Tyres: stabilizers wheels - Front              | POLY.C.        |                |
| 3.1 Tyres: rear wheels                             | NYLON          |                |
| 3.2 Tyre size: Steering wheels - Width             | mm             | NOT APPLICABLE |
| 3.2 Tyre size: Steering wheels - Diameter          | mm             | NOT APPLICABLE |
| 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             | 200            |
| 3.4 Tyre size: stabilizers wheels front - Width    | mm             | 50             |
| 3.5 Tyre size: rear wheels - Q.ty (X=driven)       | nr             | 2              |
| 3.6 Tread, front                                   | b10 mm         | 720            |
| 3.7 Tread, rear                                    | b11 mm         | 410            |

## Dimensions

|  |     |    |                   |
|--|-----|----|-------------------|
| 4.2 Height, mast lowered                           | h1  | mm | 2250              |
| 4.3 Normal free lifting                            | h2  | mm | 80                |
| 4.4 Lift height                                    | h3  | mm | 3410              |
| 4.5 Height, mast extended                          | h4  | mm | 3915              |
| 4.6 Initial lift                                   | h5  | mm | NOT<br>APPLICABLE |
| 4.9 Height of tiller in drive position max         | h14 | mm | 1080              |
| 4.15 Height, lowered                               | h13 | mm | 90                |
| 4.19 Overall length                                | l1  | mm | 1850              |
| 4.19 Overall length with lowered platform          | l1  | mm | NOT<br>APPLICABLE |
| 4.19 Overall length with raised platform           | l1  | mm | NOT<br>APPLICABLE |
| 4.20 Length to face of forks                       | l2  | mm | 700               |
| 4.20 Length to face of forks with lowered platform | l2  | mm | NOT<br>APPLICABLE |
| 4.20 Length to face of forks with raised platform  | l2  | mm | NOT<br>APPLICABLE |
| 4.21 Overall width                                 | b1  | mm | 850               |
| 4.22 Fork dimensions - Thickness                   | s   | mm | 70                |
| 4.22 Fork dimensions - Width                       | e   | mm | 150               |
| 4.22 Fork dimensions - Length                      | l   | mm | 1150              |
| 4.24 Fork carriage width                           | b3  | mm | 650               |
| 4.25 Distance between fork arms                    | b5  | mm | 560               |
| 4.26 Distance between legs                         | b4  | mm | NOT<br>APPLICABLE |
| 4.32 Ground clearance, centre of wheelbase         | m2  | mm | 20                |
| 4.34 Aisle width                                   | Ast | mm | 2540              |
| 4.34 Aisle width with lowered platform             | Ast | mm | NOT<br>APPLICABLE |
| 4.34 Aisle width with raised platform              | Ast | mm | NOT<br>APPLICABLE |
| 4.35 Turning radius                                | Wa  | mm | 1760              |
| 4.35 Turning radius with lowered platform          | Wa  | mm | NOT<br>APPLICABLE |
| 4.35 Turning radius with raised platform           | Wa  | mm | NOT<br>APPLICABLE |

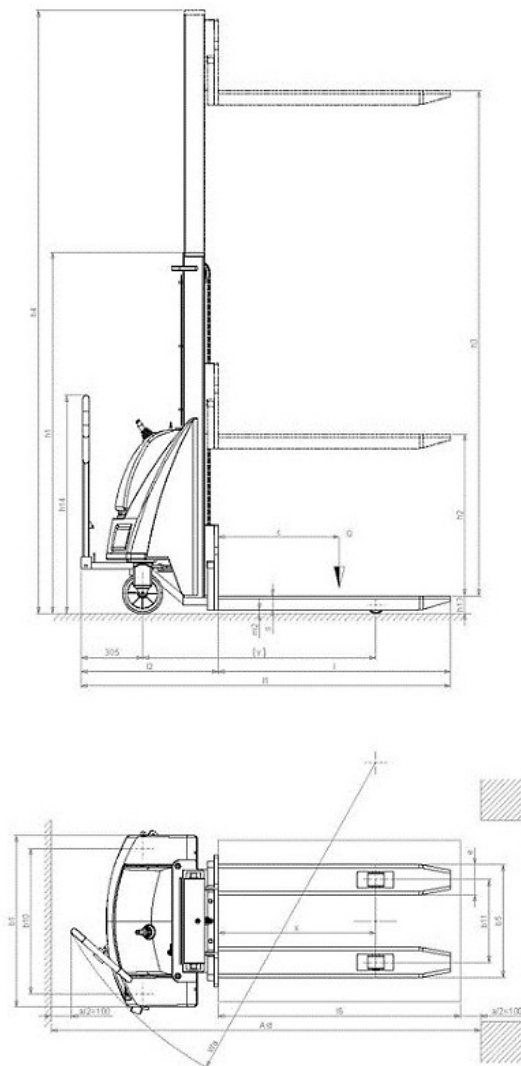
**Performance data**

|  |               |                |
|--|---------------|----------------|
| 5.1 Travel speed laden   | Km/h          | NOT APPLICABLE |
| 5.1 Travel speed unladen   | Km/h          | NOT APPLICABLE |
| 5.1 Travel speed laden with platform in raised position or with raised forks   | Km/h          | NOT APPLICABLE |
| 5.1 Travel speed unladen with platform in raised position or with raised forks | Km/h          | NOT APPLICABLE |
| 5.2 Lifting speed laden  | m/s (strokes) | 0.09           |
| 5.2 Lifting speed unladen  | m/s (strokes) | 0.12           |
| 5.3 Lowering speed laden   | m/s           | 0.4            |
| 5.3 Lowering speed unladen   | m/s           | 0.1            |
| 5.8 Max gradeability laden   | %             | NOT APPLICABLE |
| 5.8 Max gradeability unladen   | %             | NOT APPLICABLE |
| 5.10 Service brake   |               | NOT APPLICABLE |

**Electric motors**

|                                 |       |                |
|---------------------------------|-------|----------------|
| 6.1 Drive motor power           | kW    | NOT APPLICABLE |
| 6.2 Lift motor power            | kW    | 2.2            |
| Battery type                    |       | NOT APPLICABLE |
| 6.4 Battery voltage             | V     | 24             |
| 6.4 Battery capacity, Min       | Ah    | 74             |
| 6.4 Battery capacity, Max       | Ah    | 74             |
| 6.5 Battery weight, Min         | Kg    | 36             |
| 6.5 Battery weight, Max         | Kg    | 36             |
| 8.4 Sound level at driver's ear | dB(A) | 67             |

## Battery and battery charger integrated



Printed on 31/07/2015 (ID 641)

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