
THE PROFESSIONAL CHOICE



QX 18 – QX20 - QX20DL AC TECHNOLOGY

The QX pallet truck series meets the needs of a vast number of applications thus guaranteeing high performance, even during the most taxing operations. The AC technology introduced in the traction motor promotes high energy efficiency and a longer battery charging duration; the absence of brushes in the motor and the simpler structure of the motor increases system reliability. Furthermore, the Double Lifting version keeps the high functionality of the electrical pallet truck and combines it with the practical convenience of stackers.

QX DL

In this version the QX20 structure still has a load capacity of 2,000 kg but has been extended with the addition of a central piston that allows for the lifting of an 800 kg load on the plated forks in order to create a smooth support platform for the operator. The load backrest also guarantees total safety. The plated forks and clamps can be lifted independently through the pushbuttons on the wheelhouse.



MOTOR WHEEL AND STABILIZING WHEELS

The motor wheel equipped with AC technology guarantees an excellent speed control system with or without load on board (6 km/h). Two stabilizing wheels also enable movement even on more difficult surfaces, thus guaranteeing maximum stability in any condition of use.



FORKS AND CONNECTION

The structure of QX pallet trucks is designed to guarantee maximum solidity and reliability: front forks are made of very thick cast iron just like clevis and other connecting rod parts. Impact on pallets and difficult surfaces is no longer a problem!



TILLER

- Ergonomic tiller.
- Luminous indicator for battery state control.
- Butterfly valves for traction control.
- Safety pushbutton with warning buzzer.
- Forks way up/down control positioned on both sides of the handle.
- "Tortoise" pushbutton for slow motion, which allows for the carrying out of operations with the tiller in vertical position.
- Ideal for running in confined spaces.



AC TECHNOLOGY

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.



Description

| | | | |
|-----|---|------|------------|
| 1.1 | Manufacturer | | LIFTER |
| 1.3 | Drive (Manual/Electric) | | ELECTRIC |
| 1.4 | Operator type (Pedestrian/Standing) | | PEDESTRIAN |
| 1.5 | Load capacity | Q kg | 2000 |
| 1.6 | Load centre distance | c mm | 600 |
| 1.8 | Load distance, center or drive axle to fork | x mm | 973 |
| 1.9 | Wheel base | y mm | 1373 |

Weights

| | | | |
|-----|--|----|----------------|
| 2.1 | Service weight, W/O platform - battery included | kg | 512 |
| 2.1 | Service weight, With platform - battery included | kg | NOT APPLICABLE |
| 2.2 | Axle load, laden front | kg | 929 |
| 2.2 | Axle load, laden rear | kg | 1583 |
| 2.3 | Axle load, unladen front | kg | 389 |
| 2.3 | Axle load, unladen rear | kg | 123 |

Tyres/Chassis

| | | | |
|-----|--|--------|---------|
| 3.1 | Tyres: traction wheel - Front | | POLY.C. |
| 3.1 | Tyres: stabilizers wheels - Front | | POLY.C. |
| 3.1 | Tyres: rear wheels | | POLY.C. |
| 3.2 | Tyre size: Traction wheel front - Diameter | mm | 230 |
| 3.2 | Tyre size: Traction wheel front - Width | mm | 75 |
| 3.3 | Tyre size: rear wheels - Diameter | mm | 85 |
| 3.3 | Tyre size: rear wheels - Width | mm | 90 |
| 3.3 | Tyre size: rear wheels - Q.ty | nr | 2 |
| 3.4 | Tyre size: stabilizers wheels front - Diameter | mm | 100 |
| 3.4 | Tyre size: stabilizers wheels front - Width | mm | 40 |
| 3.4 | Tyre size: stabilizers wheels front - Q.ty | nr | 2 |
| 3.6 | Tread, front | b10 mm | 506 |
| 3.7 | Tread, rear | b11 mm | 510 |

Dimensions

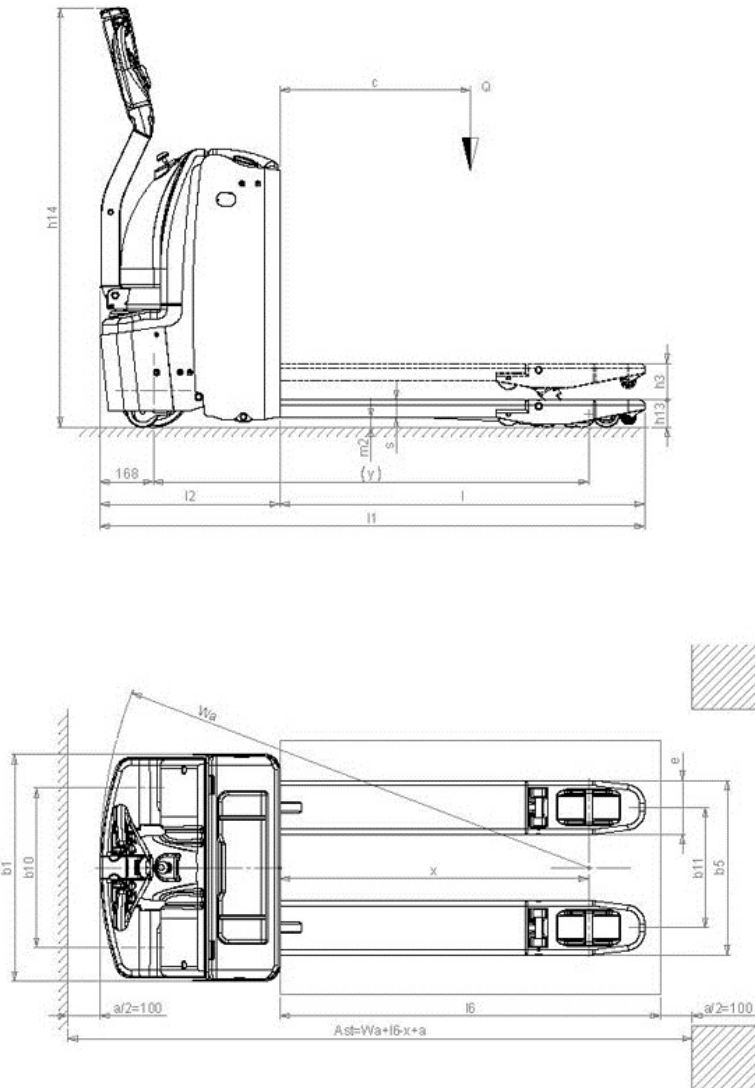
| | | | | |
|------|---|-----|----|----------------|
| 4.4 | Lift height | h3 | mm | 115 |
| 4.9 | Height of tiller in drive position min/max | h14 | mm | 1320 |
| 4.15 | Height, lowered | h13 | mm | 85 |
| 4.19 | Overall length | l1 | mm | 1715 |
| 4.19 | Overall length with lowered platform (Optional LX-FX series) | l1 | mm | NOT APPLICABLE |
| 4.19 | Overall length with raised platform (Optional LX-FX series) | l1 | mm | NOT APPLICABLE |
| 4.20 | Length to face of forks | l2 | mm | 565 |
| 4.20 | Length to face of forks with lowered platform | l2 | mm | NOT APPLICABLE |
| 4.20 | Length to face of forks with raised platform | l2 | mm | NOT APPLICABLE |
| 4.21 | Overall width | b1 | mm | 716 |
| 4.22 | Fork dimensions - Thickness | s | mm | 55 |
| 4.22 | Fork dimensions - Width | e | mm | 170 |
| 4.22 | Fork dimensions - Length | l | mm | 1150 |
| 4.25 | Distance between fork arms | b5 | mm | 680 |
| 4.32 | Ground clearance, centre of wheelbase | m2 | mm | 30 |
| 4.34 | Aisle width | Ast | mm | 2002 |
| 4.34 | Aisle width with lowered platform (Optional for LX-FX series) | Ast | mm | NOT APPLICABLE |
| 4.34 | Aisle width with raised platform (Optional for LX-FX series) | Ast | mm | NOT APPLICABLE |
| 4.35 | Turning radius | Wa | mm | 1575 |
| 4.35 | Turning radius with lowered platform | Wa | mm | NOT APPLICABLE |
| 4.35 | Turning radius with raised platform | Wa | mm | NOT APPLICABLE |

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 | NOT APPLICABLE |
| 5.1 | Travel speed unladen with platform in lowered position | km/h | NOT APPLICABLE |
| 5.2 | Lifting speed laden | m/s | 0.04 |
| 5.2 | Lifting speed unladen | m/s | 0.05 |
| 5.3 | Lowering speed laden | m/s | 0.05 |
| 5.3 | Lowering speed unladen | m/s | 0.04 |
| 5.8 | Max gradeability laden | % | 10 |
| | Max gradeability unladen | % | 20 |
| 5.10 | Service brake | | REVERSE CURRENT BRAKING |

Electric motors

| | | | |
|-----|-----------------------|----|-----|
| 6.1 | Drive motor power | kW | 1.5 |
| 6.2 | Lift motor power | kW | 2.2 |
| 6.4 | Battery voltage | V | 24 |
| 6.4 | Battery capacity, Min | Ah | 180 |
| 6.4 | Battery capacity, Max | Ah | 230 |
| 6.5 | Battery weight, Min | kg | 190 |
| 6.5 | Battery weight, Max | kg | 216 |



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