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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	1800
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	510
2.1	Service weight, With platform - battery included	kg	NOT APPLICABLE
2.2	Axle load, laden front	kg	874
2.2	Axle load, laden rear	kg	1436
2.3	Axle load, unladen front	kg	388
2.3	Axle load, unladen rear	kg	122

## 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	380

## Dimensions

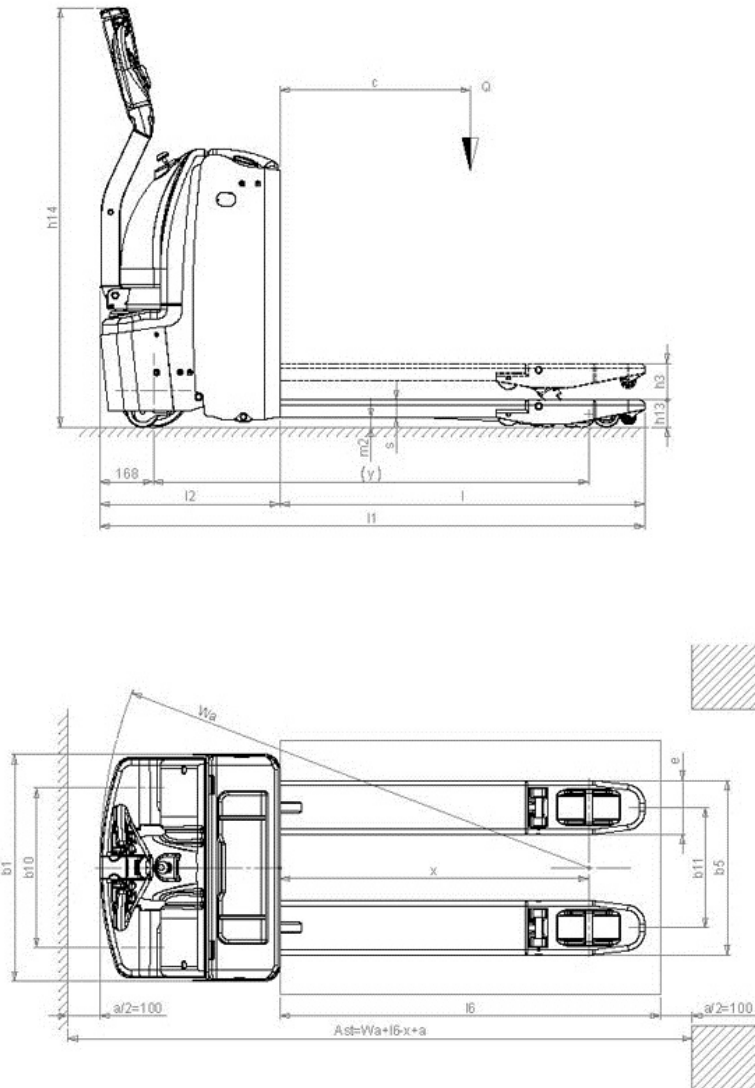
4.4	Lift height	h3	mm	115
4.9	Height of tiller in drive position min/max	h14	mm	1320
4.15	Height, lowered	h13	mm	85
4.19	Overall length	l1	mm	1715
4.19	Overall length with lowered platform (Optional LX-FX series)	l1	mm	NOT APPLICABLE
4.19	Overall length with raised platform (Optional LX-FX series)	l1	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	550
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	1.2
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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