

QX

18 - 20 - 20DL

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 cylinder 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.

The QX pallet truck series meets the needs of a vast number of applications guaranteeing high performance, even during the haviest 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 increase 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.



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
- Hour counter
- "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.



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, ensuring maximum stability in any condition of use.



FORKS AND CONNECTION

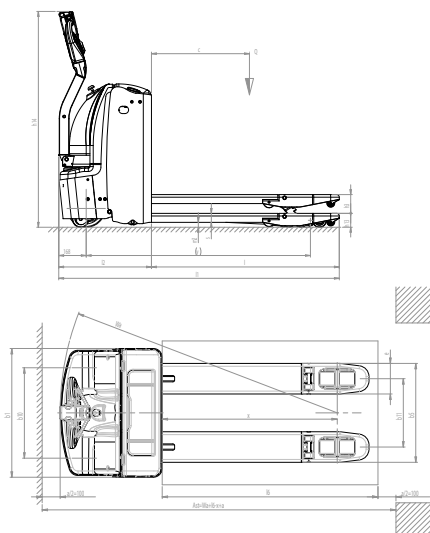
The structure of QX pallet trucks is designed to guarantee maximum solidity and reliability: front forks are made of very thick cast iron just like clevis and other connecting rod parts. Impact on pallets and difficult surfaces is no longer a problem!



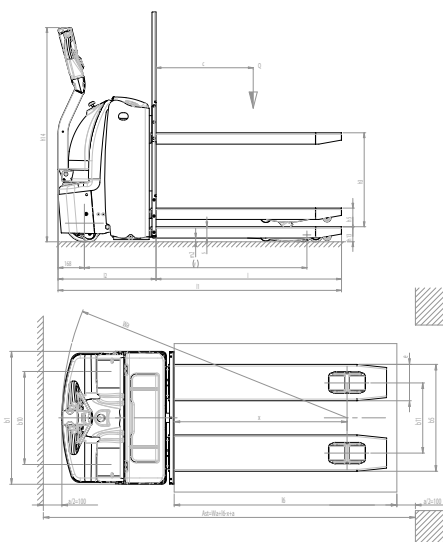
AC TECHNOLOGY

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.

Electric Pallet Trucks



QX18-20



QX20DL

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1.2	MODEL		QX18 S2-S4	QX20 S2-S4	QX20 DL S4
1.3	DRIVE		ELECTRIC	ELECTRIC	ELECTRIC
1.4	OPERATOR TYPE		PEDESTRIAN	PEDESTRIAN	PEDESTRIAN
1.5	LOAD CAPACITY	Q	kg	1800	2000
1.6	LOAD CENTRE DISTANCE	c	mm	600	600
1.8	LOAD DISTANCE, CENTRE OF DRIVE AXLE TO FORK	x	mm	973	973
1.9	WHEEL BASE	y	mm	1373	1373

WEIGHTS

2.1	SERVICE WEIGHT WITH BATTERY (see line 6,5)		kg	510-515	510-515	615
2.2	AXLE LOAD LADEN, FRONT/REAR		kg	874/1436-1441	928/1582-1587	980-1635
2.3	AXLE LOAD UNLADEN, FRONT/REAR		kg	388/122-127	388/122-127	440-175

TYRES/CHASSIS

3.1	TYRES			P+P/P	P+P/P	P+P/P
3.2	TYRE SIZE, FRONT (Ø x width)			230x75	230x75	230x75
3.3	TYRE SIZE, REAR (Ø x width)			85x90-80	85x90-80	85x80
3.4	SIDE WHEELS (Ø x width)			100x40	100x40	100x40
3.5	WHEELS, NUMBER (x=DRIVEN) FRONT/REAR			1x+2/2-2/4	1x+2/2-2/4	1x+2/4
3.6	TREAD, FRONT	b10	mm	506	506	506
3.7	TREAD, REAR	b11	mm	380	380	380

DIMENSIONS

4.4	LIFT		h3	mm	115	115	580
4.6	INITIAL LIFT		h5	mm	-	-	115
4.9	HEIGHT OF TILLER IN DRIVE POSITION MIN/MAX		h14	mm	784/1320	784/1320	784/1320
4.15	HEIGHT, LOWERED		h13	mm	85	85	93
4.19	OVERALL LENGTH		l1	mm	1715	1715	1755
4.20	LENGTH TO FACE OF FORKS		l2	mm	565	565	605
4.21	OVERALL WIDTH		b1	mm	716	716	716
4.22	FORK DIMENSIONS		s/e/l	mm	55/170/1150	55/170/1150	70/196/1150
4.25	DISTANCE BETWEEN FORK ARMS		b5	mm	550	550	576
4.32	GROUND CLEARANCE, CENTRE OF WHEEL BASE		m2	mm	30	30	23
4.34	aisle width for pallets 800x1200 lengthwise		Ast	mm	2002	2002	2079
4.35	TURNING RADIUS		Wa	mm	1575	1575	1575

PERFORMANCE DATA

5.1	TRAVEL SPEED, LADEN/UNLADEN		km/h	6,0/6,0	6,0/6,0	6,0/6,0
5.2	LIFT SPEED, LADEN/UNLADEN		m/s	0,04/0,05	0,04/0,05	0,04/0,05
5.3	LOWERING SPEED, LADEN/UNLADEN		m/s	0,05/0,04	0,05/0,04	0,05/0,04
5.8	MAX GRADEABILITY, LADEN/UNLADEN			10/20	10/20	10/20
5.10	SERVICE BRAKE			ELECTRIC	ELECTRIC	ELECTRIC

ELECTRIC MOTORS

6.1	DRIVE MOTOR POWER		kW	1,2	1,5	1,5
6.2	LIFT MOTOR POWER		kW	2,2	2,2	2,2
6.4	BATTERY VOLTAGE, NOMINAL CAPACITY C5		V/Ah	24/180	24/180	24/200
6.5	BATTERY WEIGHT		kg	190	190	188
8.4	SOUND LEVEL AT DRIVER'S EAR		dB(A)	58,4	58,4	58,4

G = Rubber, N = Nylon, P = Polyurethane, A = Steel, NE = Nylon extra

MODEL			QX18 S2-S4	QX20 S2-S4
FORK LENGTH	l	mm	1000	1000
LOAD CENTRE DISTANCE	c	mm	500	500
OVERALL LENGTH	l1	mm	1565	1565
WHEEL BASE	y	mm	1223	1223
LOAD DISTANCE, CENTRE OF DRIVE AXLE TO FORK	x	mm	823	823
SERVICE WEIGHT WITH BATTERY (see line 6,5)		kg	502-507	502-507
AXLE LOAD LADEN, FRONT/REAR		kg	868/1434-1439	922/1580-1585
AXLE LOAD UNLADEN, FRONT/REAR		kg	382/120-125	382/120-125
TURNING RADIUS	Wa	mm	1425	1425
aisle width for pallets 800x1200 lengthwise	Ast	mm	1802	1802
BATTERY				
BATTERY VOLTAGE, NOMINAL CAPACITY C5		V/Ah	24/180	24/230
BATTERY WEIGHT		kg	185	212