

OPTION AND SPECIFICATION MANUAL

EP16-20QT
EP16-20Q
EP25-35Q(L)



Disclaimer: The order portal is leading and decides whether options can be added to trucks and if combinations of options are possible.
This manual is a quick reference and for information purposes only.

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1 INTRODUCTION

This Option and Specification Manual is a sales tool, which is primarily intended to help, and partly also inspire, in creating application solution proposals, as well as to offer valid configurations and specifications.

For full details on the usage of individual features and functions, always refer to the corresponding Operation and Maintenance Manual (also known as 'Instruction Handbook'). This handbook is also always available in an English language version under the same heading/folder where this manual is located on your Dealer Support Site (DSS). For questions please use first our ChatBot NEXXIE on the DSS.

NOTE: Considering the extensive scope of information, it is advisable to view this manual in electronic format and use the free text search (CTRL + F) to be able to find all the dependencies (footnotes). For example, with keyword 'speed', you can find information in, for instance, Standard configuration, Technical specifications, and several of the option chapters.

2 STANDARD CONFIGURATION

As a standard, the truck is supplied with:

EP16QT, EP20QT STANDARD CONFIGURATION

Battery 51.2V / 206Ah	Reverse Warning Buzzer
48V/100A charger	Standard Hook on Sideshifter
2 stage 3300 mm mast	Rear view mirror
4th valve incl hosing to carriage	Suspended KL01 seat
Front and rear super elastic tires	Bluespot rear
PVC roof on standard overhead guard	Strobe light
Road Light Kit	

EP16Q, EP20Q (4WHEEL) STANDARD CONFIGURATION

Battery 76.8V / 125Ah	Reverse Warning Buzzer
80V / 65A charger	Hook on Sideshifter
2 stage 3300 mm mast	Rear view mirror
4th valve incl. hosing to carriage	Suspended KL01 seat
Front and rear super elastic tires	Bluespot rear
Glass roof on standard overhead guard	Strobe light
Road Light Kit	

EP25Q, EP30Q (4WHEEL) STANDARD CONFIGURATION

Battery 76.8V / 206Ah	Glass roof on standard overhead guard
80V / 65A charger	Rear view mirror
2 stage 3300 mm mast	Road Light Kit
4th valve incl. hosing to carriage	Reverse Warning Buzzer
Bluespot rear	Hook on Sideshifter
Front and rear super elastic tires	Suspended KL01 seat
Battery Heating for Charging	Strobe light

EP35Q, EP35QL (4WHEEL) STANDARD CONFIGURATION

Battery 76.8V / 277Ah	Glass roof on standard overhead guard
80V / 100A charger	Rear view mirror
2 stage 3300 mm mast	Road Light Kit
4th valve incl. hosing to carriage	Reverse Warning Buzzer
Bluespot rear	Hook on Sideshifter
Front and rear super elastic tires	Suspended KL01 seat
Battery Heating for Charging	Strobe light

3 TECHNICAL SPECIFICATIONS

3.1 EP16QT, EP20QT technical specifications

EP16QT AND EP20QT ELECTRIC COUNTERBALANCE FORKLIFT					
Identification	1,1	Manufacture(abbreviation)		Cat Lift Trucks	Cat Lift Trucks
	1,2	Manufacturer's type designation		EP16QT	EP20QT
	1,3	Drive:electric(battery or mains),diesel,petrol gas>manual)		electric	electric
	1,4	Type of operation(hand,pedestrian,standing,seated,order-picker)		seated	seated
	1,5	Load capacity/rated load	Q(kg)	1600	2000
	1,6	Load centre distance	C(mm)	500	500
	1,8	Load distance,centre of drive axle to fork	x(mm)	372	377
	1,9	wheelbase	y(mm)	1360	1490
Weights	2,1	Service weight incl. battery(see line 6.5)	kg	3100	3520
	2,2	Axle loading ,laden front/rear	kg	4180/520	4910/610
	2,3	Axle loading,unladen front/rear	kg	1490/1610	1700/1820
Wheels、Chassis	3,1	Type:solid rubber,superelastic,pneumatic,polyurethane		Super Elastic	Super Elastic
	3,2	Tyres size,front		18×7-8	200/50-10
	3,3	Tyres size,rear		15×4.5/-8	15×4.5/-8
	3,5	Wheels,number front/rear(x=driven wheels)		2×/2	2×/2
	3,6	Track width,front	b ₁₀ (mm)	902	902
	3,7	Track width,rear	b ₁₁ (mm)	187	187

Basic Dimensions	4,1	Mast/fork carriage tilt forward/backward	$\alpha/\beta(^{\circ})$	5/7	5/7
	4,2	lowered mast height	$h_1(\text{mm})$	1995	1995
	4,3	Free lift	$h_2(\text{mm})$	125	125
	4,4	Lift height	$h_3(\text{mm})$	3000	3000
	4,5	Extended mast height	$h_4(\text{mm})$	3955	3955
	4,7	Overhead load guardheight	$h_6(\text{mm})$	2100	2100
	4,8	Seat height/standing height	$h_7(\text{mm})$	1005	1005
	4,12	Coupling height	$h_{10}(\text{mm})$	465	465
	4,19	Overall length	$l_1(\text{mm})$	2870	3155
	4,20	Length to face of forks	$l_2(\text{mm})$	1950	2085
	4,21	Overall width	$b_1(\text{mm})$	1084	1084
	4,22	Fork dimensions	$s/e/l(\text{mm})$	35/100/920	40/100/1070
	4,24	Fork carriage width	$b_3(\text{mm})$	1040	1040
	4,31	Ground clearance ,laden,under mast	$m_1(\text{mm})$	105	105
	4,32	Ground clearance,centre of wheelbase	$m_2(\text{mm})$	105	105
	4,33	Aisle width for pallets 1000×1200 crossways	$A_{st}(\text{mm})$	3268	3403
	4,34	Aisle width for pallets 800×1200 lengthways	$A_{st}(\text{mm})$	3393	3527
	4,35	Turning radius	$W_a(\text{mm})$	1570	1700
Performance Data	5,1	Travel speed,laden/unladen	km/h	14/15	13/15
	5,2	Lift speed,laden/unladen	m/s	0.32/0.42	0.30/0.42
	5,3	lowering speed,laden/unladen	m/s	<600	<600
	5,5	Max.Drawbar pull,laden/unladen	N	8500/7800	8800/8000
	5,7	Max.Gradient performance,laden/unladen	%	15/20	13/18
	5,10	Service brake		hydraulic	hydraulic
E-Motor	6,1	Drive motor rating S_2 60 min	kW	4.5*2	4.5*2
	6,2	Lift motor rating at S_3 15%	kW	8,6	8,6
	6,3	Battery standard		Lion	Lion
	6,4	Battery voltage,nominal capacity K_5	V/Ah	Lion:51.2/ 206(277option)	Lion:51.2/206 (277option)
	6,5	Battery weight	kg	Lion: 450	Lion: 450
		Battery dimensions l/w/h	mm	980×538×670	980×668×670
Other Details	8,1	Type of drive control		AC	AC
	8,2	Operating pressure for attachments	Mpa	17,5	17,5
	8,3	Oil volume for attachments	l/min	36	36
	8,4	Sound level at driver's ear according to EN 12 053	dB(A)	73	73

3.2 EP16Q, EP20Q technical specifications

EP16Q AND EP20Q ELECTRIC COUNTERBALANCE FORKLIFT					
Identification	1,1	Manufacture(abbreviation)		Cat Lift Trucks	Cat Lift Trucks
	1,2	Manufacturer's type designation		EP16Q	EP20Q
	1,3	Drive:electric(battery or mains),diesel,petrol gas>manual)		electric	electric
	1,4	Type of operation(hand,pedestrian,standing,seated,order-picker)		seated	seated
	1,5	Load capacity/rated load	Q(kg)	1600	2000
	1,6	Load centre distance	C(mm)	500	500
	1,8	Load distance,centre of drive axle to fork	x(mm)	381	386
	1,9	wheelbase	y(mm)	1410	1410
Weights	2,1	Service weight incl. battery(see line 6.5)	kg	2900	3200
	2,2	Axle loading ,laden front/rear	kg	3020/480	4670/530
	2,3	Axle loading,unladen front/rear	kg	1220/1680	1400/1800
Wheels、Chassis	3,1	Type:solid rubber,superelastic,pneumatic,polyurethane		SE	SE
	3,2	Tyres size,front		6.50-10	6.50-10
	3,3	Tyres size,rear		5.00-8	5.00-8
	3,5	Wheels,number front/rear(x=driven wheels)		2×/2	2×/2
	3,6	Track width,front	b10(mm)	970	970
	3,7	Track width,rear	b11(mm)	920	920
Basic Dimensions	4,1	Mast/fork carriage tilt forward/backward	$\alpha/\beta(^{\circ})$	6/10	6/10
	4,2	lowered mast height	h1(mm)	1990	1990
	4,3	Free lift	h2(mm)	115	115
	4,4	Lift height	h3(mm)	3000	3000
	4,5	Extended mast height	h4(mm)	3986	3986
	4,7	Overhead load guardheight	h6(mm)	2150	2150
	4,8	Seat height/standing height	h7(mm)	1085	1085
	4,12	Coupling height	h10(mm)	460	460
	4,19	Overall length	l1(mm)	3045	3195
	4,20	Length to face of forks	l2(mm)	2125	2125
	4,21	Overall width	b1(mm)	1135	1135
	4,22	Fork dimensions	s/e/l(mm)	35/100/920	40/100/1070
	4,24	Fork carriage width	b3(mm)	1040	1040
	4,31	Ground clearance ,laden,under mast	m1(mm)	98	98
	4,32	Ground clearance,centre of wheelbase	m2(mm)	100	100
	4,33	Aisle width for pallets 1000×1200 crossways	Ast(mm)	3541	3566
	4,34	Aisle width for pallets 800×1200 lengthways	Ast(mm)	3741	3766
	4,35	Turning radius	Wa(mm)	1960	1980

Performance Data	5,1	Travel speed,laden/unladen	km/h	14/15	14/15
	5,2	Lift speed,laden/unladen	m/s	0.32/0.42	0.32/0.42
	5,3	lowering speed,laden/unladen	m/s	0.52/0.42	0.52/0.42
	5,7	Max.Gradient performance,laden/unladen S2 5 min	%	15/20	15/20
	5,10	Service brake		Hydraulic	Hydraulic
E-Motor	6,1	Drive motor rating S ₂ 60 min	kW	11	11
	6,2	Lift motor rating at S ₃ 15%	kW	12	12
	6,3	Battery standard		lion	lion
	6,4	Battery voltage,nominal capacity K ₅	V/Ah	76.8 / 125 (206 option)	76.8 / 125(206 option)
	6,5	Battery weight	kg	160/200	160/200
	6,6	Battery dimensions l/w/h	V/Ah	720/490/615	720/490/615
Other Details	8,1	Type of drive control		AC	AC
	8,2	Operating pressure for attachments	Mpa	14,5	14,5
	8,3	Oil volume for attachments	l/min	30	30
	8,4	Sound level at driver's ear according to EN 12 053	dB(A)	73	73

3.3 EP25Q, EP30Q, EP35Q, EP35QL technical specifications

EP25Q, EP30Q, EP35Q AND EP35QL ELECTRIC COUNTERBALANCE FORKLIFT							
Identification	1,1	Manufacture(abbreviation)		Cat Lift Trucks	Cat Lift Trucks	Cat Lift Trucks	Cat Lift Trucks
	1,2	Manufacturer's type designation		EP25Q	EP30Q	EP35Q	EP35QL
	1,3	Drive:electric(battery or mains),diesel,petrol gas,manual)		electric	electric	electric	electric
	1,4	Type of operation(hand,pedestrian,standing,seated,order-picker)		seated	seated	seated	seated
	1,5	Load capacity/rated load	Q(kg)	2500	3000	3500	3500
	1,6	Load centre distance	C(mm)	500	500	500	600
	1,8	Load distance,centre of drive axle to fork	x(mm)	473	478	483	483
	1,9	wheelbase	y(mm)	1630	1700	1760	1760
Weights	2,1	Service weight incl. battery(see line 6.5)	kg	3800	4280	4660	4890
	2,2	Axle loading ,laden front/rear	kg	5660/640	6530/750	7240/920	7810/880
	2,3	Axle loading,unladen front/rear	kg	1620/2180	2060/2220	2040/2620	1880/3010
Wheels、Chassis	3,1	Type:solid rubber,superelastic,pneumatic,polyurethane		Super Elastic	Super Elastic	Super Elastic	Super Elastic
	3,2	Tyres size,front		7.00-12-12PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR
	3,3	Tyres size,rear		18×7-8-14PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	3,5	Wheels,number front/rear(×=driven wheels)		2×/2	2×/2	2×/2	2×/2
	3,6	Track width,front	b10(mm)	973	1004	1004	1004
	3,7	Track width,rear	b11(mm)	960	982	982	982

Basic Dimensions	4,1	Mast/fork carriage tilt forward/backward	$\alpha/\beta(^{\circ})$	6/10	6/10	6/10	6/10
	4,2	lowered mast height	h1(mm)	2070	2070	2185	2185
	4,3	Free lift	h2(mm)	135	140	145	145
	4,4	Lift height	h3(mm)	3000	3000	3000	3000
	4,5	Extended mast height	h4(mm)	3974	4079	4079	4079
	4,7	Overhead load guardheight	h6(mm)	2200	2200	2200	2200
	4,8	Seat height/standing height	h7(mm)	1090	1130	1130	1130
	4,12	Coupling height	h10(mm)	470	580	580	580
	4,19	Overall length	l1(mm)	3540	3688	3818	3818
	4,20	Length to face of forks	l2(mm)	2470	2618	2748	2748
	4,21	Overall width	b1(mm)	1150	1230	1230	1230
	4,22	Fork dimensions	s/e/l(mm)	40/122/1070	45/125/1070	50/125/1070	50/125/1070
	4,24	Fork carriage width	b3(mm)	1040	1100	1100	1100
	4,31	Ground clearance ,laden,under mast	m1(mm)	135	140	145	145
	4,32	Ground clearance,centre of wheelbase	m2(mm)	150	150	150	150
	4,33	Aisle width for pallets 1000×1200 crossways	Ast(mm)	3903	4039	4153	4153
	4,34	Aisle width for pallets 800×1200 lengthways	Ast(mm)	4103	4238	4353	4353
	4,35	Turning radius	Wa(mm)	2230	2360	2470	2470
Performance Data	5,1	Travel speed,laden/unladen	km/h	14/15	14/15	14/15	13/14
	5,2	Lift speed,laden/unladen	m/s	0.3/0.4	0.3/0.4	0.3/0.4	0.28/0.38
	5,3	lowering speed,laden/unladen	m/s	<0.6	<0.6	<0.6	<0.6
	5,5	Max.Drawbar pull ,laden/unladen	N	13000/14000	14000/15000	14000/15000	14000/15000
	5,7	Max.Gradient performance,laden/unladen	%	15/15	15/15	15/15	15/15
	5,10	Service brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic
E-Motor	6,1	Drive motor rating S ₂ 60 min	kW	16	16	16	16
	6,2	Lift motor rating at S ₃ 15%	kW	16	16	16	16
	6,3	Battery standard		Lion	Lion	Lion	Lion
	6,4	Battery voltage,nominal capacity K ₅	V/Ah	76.8 / 206(277 optional)	76.8 / 206(277 optional)	76.8 / 277(412 optional)	76.8 / 277(412 optional)
	6,5	Battery weight	kg	200/240	200/240	200/240	200/240
	6,6	Battery dimensions l/w/h	mm	770/600/605	770/600/605	770/600/605	770/600/605
Other Details	8,1	Type of drive control		AC	AC	AC	AC
	8,2	Operating pressure for attachments	Mpa	17,5	17,5	17,5	17,5
	8,3	Oil volume for attachments	l/min	36	36	36	36
	8,4	Sound level at driver's ear according to EN 12 053	dB(A)	74	74	74	74

4 BATTERIES

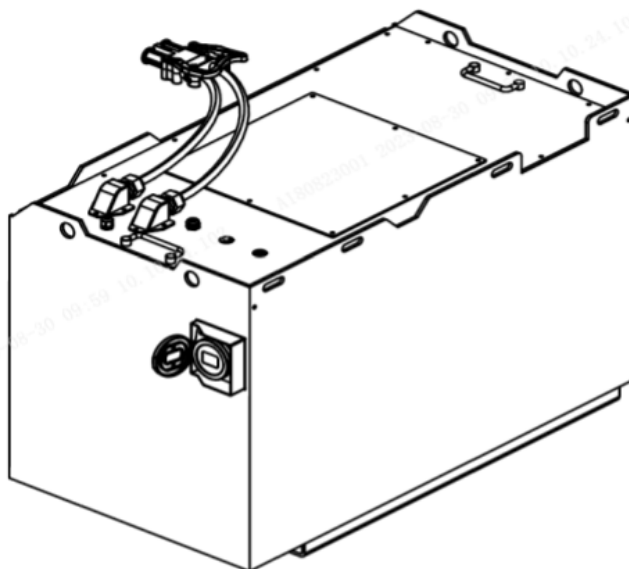
4.1 Battery options

4.1.1 Option availability (batteries)

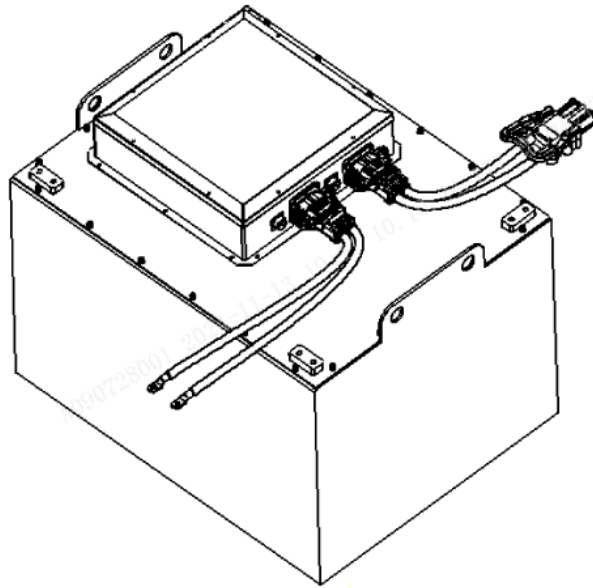
o	Standard equipment
•	Available option
—	Not available

See Option descriptions for details.

OPTION	NOTES	CODE	EP16QT	EP20QT	EP16Q	EP20Q	EP25Q	EP30Q	EP35Q	EP35QL
Battery, Li-ion 48V 206 Ah		BL48D206	o	o	—	—	—	—	—	—
Battery, Li-ion 48V 277 Ah		BL48D277	•	•	—	—	—	—	—	—
Battery, Li-ion 80V 125 Ah		BL80D125	—	—	o	o	—	—	—	—
Battery, Li-ion 80V 206 Ah		BL80D206	—	—	•	•	o	o	—	—
Battery, Li-ion 80V 277 Ah		BL80D277	—	—	—	—	•	•	o	o
Battery, Li-ion 80V 412 Ah		BL80D412	—	—	—	—	—	—	•	•



Battery, 3-wheel truck



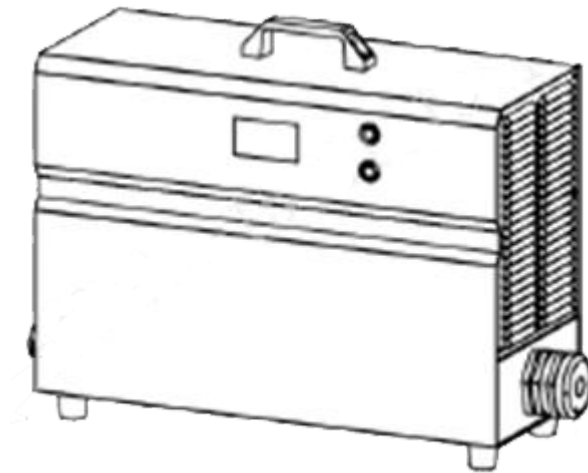
Battery, 4-wheel truck

4.1.2 Option availability (chargers)

o	Standard equipment
•	Available option
—	Not available

See Option descriptions for details.

OPTION	NOTES	CODE	EP16QT	EP20QT	EP16Q	EP20Q	EP25Q	EP30Q	EP35Q	EP35QL
Li-Ion Charger 48V 050A		CH48L050	•	•	—	—	—	—	—	—
Li-Ion Charger 48V 100A		CH48L100	o	o	—	—	—	—	—	—
Li-Ion Charger 48V 150A		CH48L150	•	•	—	—	—	—	—	—
Li-Ion Charger 80V 065A		CH80L065	—	—	o	o	o	o	—	—
Li-Ion Charger 80V 100A		CH80L100	—	—	•	•	•	•	o	o
Li-Ion Charger 80V 150A		CH80L150	—	—	—	—	—	—	•	•



Charger

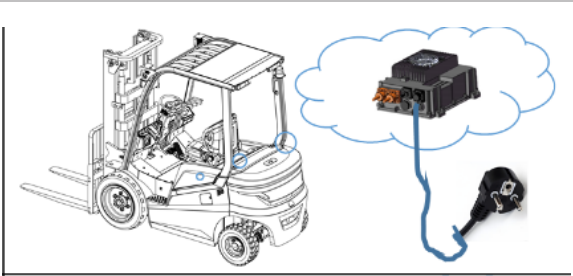
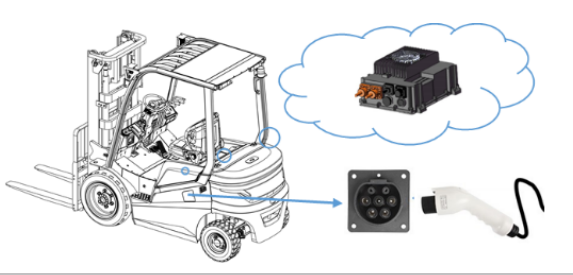
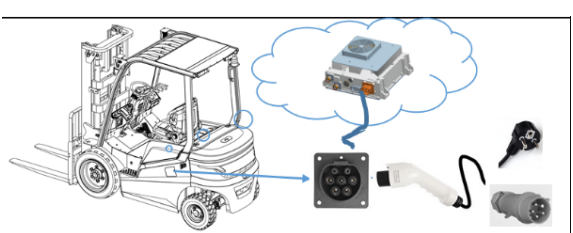
4.1.3 Option availability (internal chargers)

o	Standard equipment
•	Available option
—	Not available

See Option descriptions for details.

OPTION	NOTES	CODE	EP16QT	EP20QT	EP16Q	EP20Q	EP25Q	EP30Q	EP35Q	EP35QL
Internal Charger 80V 035A Single Phase Plug Type		CH35/INT	—	—	•	•	•	•	o	o
Internal Charger 80V 035A Single Phase Ev Like Gun Type		CH35/INT/G	—	—	o	o	o	o	•	•
Internal Charger 80V 100A Three Phase Ev Like Gun Type		CH100/INT/G	—	—	—	—	•	•	•	•

4.2 Option descriptions (internal chargers)

INTERNAL CHARGER 80V 035A SINGLE PHASE PLUG TYPE	CH35/INT
Single-phase plug-type charger equipment for li-ion batteries.	
INTERNAL CHARGER 80V 035A SINGLE PHASE EV LIKE GUN TYPE	CH35/INT/G
Single-phase gun-type charger equipment for li-ion batteries.	
INTERNAL CHARGER 80V 100A THREE PHASE EV LIKE GUN TYPE	CH100/INT/G
Three-phase gun-type charger equipment for li-ion batteries.	

5 MAST, FORK AND CARRIAGE OPTIONS

5.1 Option availability (mast, fork, carriage)

o	Standard equipment
•	Available option
—	Not available

See Option descriptions for details.

OPTION	NOTES	CODE	EP16QT	EP20QT	EP16Q	EP20Q	EP25Q	EP30Q	EP35Q	EP35QL
Fork Length 1150 mm		L1150	o	o	o	o	o	o	o	o
Side Shifter 1000 mm		SS100	o	o	o	o	o	—	—	—
Side Shifter 1100 mm		SS110	—	—	—	—	—	o	o	o
Side Shifter Fork Positioner 1000 mm		SS/FP100	•	•	•	•	•	—	—	—
Side Shifter Fork Positioner 1100 mm		SS/FP110	—	—	—	—	—	•	•	•
Simplex Mast 3300 mm		2SP330	o	o	o	o	o	o	o	o
Simplex Mast 4000 mm		2SP400	•	•	•	•	•	•	•	•
Triplex Mast 4300 mm		3FP430	•	•	•	•	•	•	•	•
Triplex Mast 4500 mm		3FP450	•	•	•	•	•	•	•	•
Triplex Mast 4800 mm		3FP480	•	•	•	•	•	•	•	•
Triplex Mast 5500 mm		3FP550	•	•	•	•	•	•	•	•
4 Way Simplex Piping		4V/PS	o	o	o	o	o	o	o	o
4 Way Triplex Piping		4V/PT	•	•	•	•	•	•	•	•

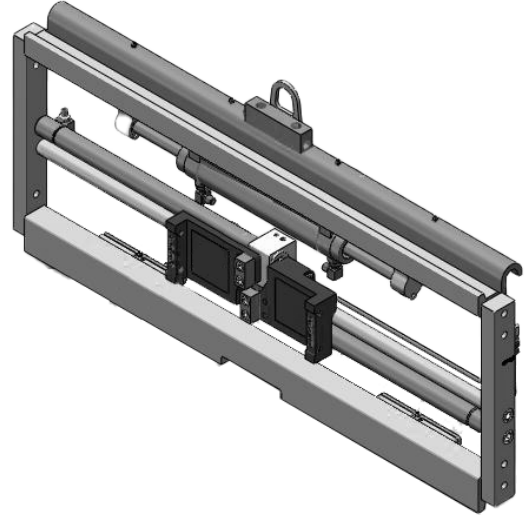
5.2 Option descriptions (mast, fork, carriage)

FORK POSITIONER WITH SIDESHIFT 1040 MM SS/FP100
FORK POSITIONER WITH SIDESHIFT 1100 MM SS/FP110

Models:

- 55K/FPS, mounting class 2A, fork width (out-to-out) adjustment range: 350–915 mm. Sideshift stroke: 100 mm left and right, total 200 mm.
- 65K/FPS, mounting class 3A, fork width (out-to-out) adjustment range: 294–975 mm. Sideshift stroke: 100 mm left and right, total 200 mm.

This option can be used with standard forks. Compared with hook-in attachments, it is less affected by mast type and has greater versatility.



5.3 EP16QT, EP20QT mast tables

MAST TABLE EP16QT AND EP20QT					
DESIGNATION	LIFT HEIGHT H ₃ MM	FREE LIFT HEIGHT H ₂ MM	CLOSED MAST HEIGHT H ₁ MM	EXTENDED MAST HEIGHT H ₄ MM	TILT FORWARD/ BACKWARD A/B(°)
Simplex	3300	125	2145	4255	5/7
	4000	125	2545	4955	3/5
Triplex	4350	1110	2065	5305	3/5
	4500	1160	2115	5455	3/5
	4799	1200	2155	5755	3/5
	5000	1360	2315	5955	3/5
	5500	1510	2465	6455	3/5
	6000	1710	2665	6955	3/5

MAST CAPACITY TABLE EP16QT AND EP20QT									
DESIGNATION	LIFT HEIGHT H ₃ MM	CAPACITY TABLE(KG) C=500MM		CAPACITY TABLE(KG) C=600MM		CAPACITY TABLE(KG) C=500MM		CAPACITY TABLE(KG) C=600MM	
		WITHOUT SIDESHIFT SUPER ELASTIC		WITHOUT SIDESHIFT SUPER ELASTIC		WITH SIDESHIFT SUPER ELASTIC		WITH SIDESHIFT SUPER ELASTIC	
		EP16QT	EP20QT	EP16QT	EP20QT	EP16QT	EP20QT	EP16QT	EP20QT
Simplex	3300	1600	2000	1430	1790	1450	1850	1280	1640
	4000	1500	2000	1340	1790	1350	1850	1190	1640
Triplex	4350	1450	1850	1300	1660	1300	1700	1150	1510
	4500	1400	1800	1250	1610	1250	1650	1100	1460
	4799	1300	1600	1160	1430	1150	1450	1010	1280
	5000	1200	1500	1070	1340	1050	1350	920	1190
	5500	1100	1300	980	1160	950	1150	830	1010
	6000	800	1000	710	890	650	850	560	740

5.4 EP16Q, EP20Q mast tables

MAST TABLE EP16Q, EP20Q					
DESIGNTION	LIFT HEIGHT H ₃ MM	FREE LIFT H ₂ MM	CLOSED MAST HEIGHT H ₁ MM	EXTENDED MAST HEIGHT H ₄ MM	TILT FORWARD/ BACKWARD A/B(°)
Simplex	3300	115	2147	4286	6/10
	4000	115	2547	4986	6/6
Triplex	4350	1116	2067	5286	6/6
	4500	1166	2117	5486	6/6
	4800	1266	2217	5786	6/6
	5000	1366	2317	5986	6/6
	5500	1516	2467	6486	3/6
	6000	1716	2667	6986	3/6

MAST CAPACITY TABLE EP16Q, EP20Q									
CAPACITY TABLE(KG)									
DESIGNTION	LIFT HEIGHT H ₃ MM	C=500MM WITHOUT SIDESHIFT SUPER ELASTIC		C=600MM WITHOUT SIDESHIFT SUPER ELASTIC		C=500MM WITH SIDESHIFT SUPER ELASTIC		C=600MM WITH SIDESHIFT SUPER ELASTIC	
		EP16Q	EP20Q	EP16Q	EP20Q	EP16Q	EP20Q	EP16Q	EP20Q
Simplex	3300	1600	2000	1430	1800	1450	1850	1280	1650
	4000	1500	1800	1340	1700	1350	1800	1190	1550
Triplex	4350	1450	1850	1300	1500	1300	1600	1150	1350
	4500	1400	1700	1250	1380	1250	1500	1100	1230
	4800	1300	1500	1160	1220	1150	1200	1010	1070
	5000	1000	1300	980	1060	850	1100	830	910
	5500	900	1100	800	900	750	900	650	750
	6000	800	900	715	730	650	800	565	580

5.5 EP25Q, EP30Q, EP35Q, EP35QL mast tables

MAST TABLE EP25Q					
DESIGNTION	LIFT HEIGHT H ₃ MM	FREE LIFT H ₂ MM	CLOSED MAST HEIGHT H ₁ MM	EXTENDED MAST HEIGHT H ₄ MM	TILT FORWARD/ BACKWARD A/B(°)
Simplex	3300	130	2205	4274	6/10
	4000	130	2605	4974	6/6
	4000	1056	1980	4976	6/6
	4350	1181	2105	5326	6/6
	4500	1231	2155	5476	6/6
Triplex	4800	1331	2255	5776	6/6
	5000	1474	2398	5976	6/6
	5500	1708	2647	6476	3/6
	6000	1941	2865	6976	3/6

MAST CAPACITY TABLE EP25Q					
DESIGNTION	LIFT HEIGHT H ₃ MM	CAPACITY TABLE(KG)			
		C=500MM WITHOUT SIDESHIFT SUPER ELASTIC	C=600MM WITHOUT SIDESHIFT SUPER ELASTIC	C=500MM WITH SIDESHIFT SUPER ELASTIC	C=600MM WITH SIDESHIFT SUPER ELASTIC
		EP25Q	EP25Q	EP25Q	EP25Q
Simplex	3300	2500	2260	2350	2110
	4000	2450	2220	2300	2070
	4000	2350	2120	2200	1970
	4350	2200	1990	2050	1840
	4500	2000	1810	1850	1660
Triplex	4800	1900	1720	1750	1570
	5000	1700	1540	1550	1390
	5500	1400	1260	1250	1110
	6000	950	860	800	710

MAST TABLE EP30Q					
DESIGNTION	LIFT HEIGHT H ₃ MM	FREE LIFT H ₂ MM	CLOSED MAST HEIGHT H ₁ MM	EXTENDED MAST HEIGHT H ₄ MM	TILT FORWARD/ BACKWARD A/B(°)
Simplex	3300	140	2225	4379	6/10
	4000	140	2625	5079	6/6

Triplex	4000	921	2000	5079	6/6
	4350	1046	2125	5429	6/6
	4500	1096	2175	5579	6/6
	4800	1196	2275	5879	6/6
	5000	1339	2418	6079	6/6
	5500	1573	2652	6579	3/6
	6000	1806	2885	7079	3/6
Secondary full free lift height (without load backrest) +400mm					
Three-stage full free lift height (without load backrest) +320mm					

MAST CAPACITY TABLE EP30Q					
DESIGNTION	LIFT HEIGHT H ₃ MM	CAPACITY TABLE(KG)			
		C=500MM WITHOUT SIDESHIFT SUPER ELASTIC	C=600MM WITHOUT SIDESHIFT SUPER ELASTIC	C=500MM WITH SIDESHIFT SUPER ELASTIC	C=600MM WITH SIDESHIFT SUPER ELASTIC
		EP30Q	EP30Q	EP30Q	EP30Q
Simplex	3300	3000	2720	2800	2520
	4000	2950	2670	2750	2470
Triplex	4000	2900	2630	2700	2430
	4350	2700	2450	2500	2250
	4500	2600	2350	2400	2150
	4800	2400	2170	2200	1970
	5000	2300	2080	2100	1880
	5500	1800	1630	1600	1430
	6000	1400	1270	1200	1070

MAST TABLE EP35Q					
DESIGNTION	LIFT HEIGHT H ₃ MM	FREE LIFT H ₂ MM	CLOSED MAST HEIGHT H ₁ MM	EXTENDED MAST HEIGHT H ₄ MM	TILT FORWARD/ BACKWARD A/B(°)
Simplex	3300	145	2335	4379	6/10
	4000	145	2735	5079	6/6
Triplex	4000	921	2000	5079	6/6
	4350	1046	2125	5429	6/6
	4500	1096	2175	5579	6/6
	4800	1196	2275	5879	6/6
	5000	1339	2418	6079	6/6
	5500	1573	2652	6579	3/6
	6000	1806	2885	7079	3/6
Secondary full free lift height (without load backrest) +400mm					
Three-stage full free lift height (without load backrest) +320mm					

MAST CAPACITY TABLE EP35Q					
DESIGNTION	LIFT HEIGHT H ₃ MM	CAPACITY TABLE(KG)			
		C=500MM WITHOUT SIDESHIFT SUPER ELASTIC	C=600MM WITHOUT SIDESHIFT SUPER ELASTIC	C=500MM WITH SIDESHIFT SUPER ELASTIC	C=600MM WITH SIDESHIFT SUPER ELASTIC
		EP35Q	EP35Q	EP35Q	EP35Q
Simplex	3300	3500	3170	3300	2970
	4000	3300	2990	3100	2790
Triplex	4000	3250	2940	3050	2740
	4350	3150	2950	2950	2750
	4500	3000	2720	2800	2520
	4800	2800	2540	2600	2340
	5000	2650	2400	2450	2200
	5500	2200	1990	2000	1790
	6000	1500	1360	1300	1160

MAST TABLE EP35QL					
DESIGNTION	LIFT HEIGHT H ₃ MM	FREE LIFT H ₂ MM	CLOSED MAST HEIGHT H ₁ MM	EXTENDED MAST HEIGHT H ₄ MM	TILT FORWARD/ BACKWARD A/B(°)
Simplex	3300	145	2335	4379	6/10
	4000	145	2735	5079	6/6
Triplex	4000	1021	2100	5079	6/6
	4350	1146	2225	5379	6/6
	4500	1196	2275	5579	6/6
	4800	1296	2375	5879	6/6
	5000	1439	2518	6079	6/6
	5500	1673	2752	6579	3/6
	6000	1906	2985	7079	3/6
Secondary full free lift height (without load backrest) +300mm					
Three-stage full free lift height (without load backrest) +238mm					

MAST CAPACITY TABLE EP35QL					
DESIGNTION	LIFT HEIGHT H ₃ MM	CAPACITY TABLE(KG)			
		C=500MM WITHOUT SIDESHIFT SUPER ELASTIC	C=600MM WITHOUT SIDESHIFT SUPER ELASTIC	C=500MM WITH SIDESHIFT SUPER ELASTIC	C=600MM WITH SIDESHIFT SUPER ELASTIC
		EP35QL	EP35QL	EP35QL	EP35QL
Simplex	3300	3800	3500	3600	3300
	4000	3650	3300	3450	3100

Triplex	4000	3650	3250	3450	3050
	4350	3550	3150	3350	2950
	4500	3350	3000	3150	2800
	4800	3100	2800	2900	2600
	5000	3000	2650	2800	2450
	5500	2500	2200	2300	2000
	6000	1900	1500	1700	1300

6 DRIVE AND LIFT CONTROL OPTIONS

6.1 Option availability (drive and lift control)

o	Standard equipment
•	Available option
—	Not available

See Option descriptions for details.

OPTION	NOTES	CODE	EP16QT	EP20QT	EP16Q	EP20Q	EP25Q	EP30Q	EP35Q	EP35QL
Fc Armrest Direction Control		ARMDC	o	o	o	o	o	o	o	o
4 Way Valve Manual Control		4V/MC	o	o	o	o	o	o	o	o
4 Way Valve Fingertip Control		4V/FC	•	•	•	•	•	•	•	•

6.2 Option descriptions (drive and lift control)

4 WAY VALVE FINGERTIP CONTROL	4V/FC
1. Functions such as lifting/lowering, tilting forward/backward, and sideshifting left/right can be independently controlled via the thumb switch, effectively preventing accidental operation. 2. The forward/reverse switch, horn button, and emergency stop switch are integrated into the armrest for easier operation.	

7 ELECTRICAL OPTIONS

7.1 Option availability (electrical)

o	Standard equipment
•	Available option
—	Not available

See Option descriptions for details.

OPTION	NOTES	CODE	EP16QT	EP20QT	EP16Q	EP20Q	EP25Q	EP30Q	EP35Q	EP35QL
Rack/Rear Floor Spot Blue		BLUESPT/R	o	o	o	o	o	o	o	o
Road Light Kit		RLDC	o	o	o	o	o	o	o	o
Back Buzzer		BUZ	o	o	o	o	o	o	o	o
Higher Drive Speed		H/SPEED	—	—	—	—	•	•	•	•

7.2 Option descriptions (electrical)

HIGHER DRIVE SPEED	H/SPEED
If higher speeds are required, please contact our service provider for an upgrade. The speed can be adjusted up to 15 km/h (laden) / 18 km/h (unladen).	

8 OHG AND CABIN OPTIONS

8.1 Option availability (OHG and cabin)

o	Standard equipment
•	Available option
—	Not available

See Option descriptions for details.

OPTION	NOTES	CODE	EP16QT	EP20QT	EP16Q	EP20Q	EP25Q	EP30Q	EP35Q	EP35QL
Rear View Mirror		RVM	o	o	o	o	o	o	o	o
Front Window		FRONT	•	•	•	•	•	•	•	•
Panel Cabin		PCAB	•	•	•	•	•	•	•	•
Suspension Seat		SEAT	o	o	o	o	o	o	o	o
Seat Luxury		SEAT/LX	•	•	•	•	•	•	•	•
Special Color For Product		SP/COLOR	o	o	o	o	o	o	o	o

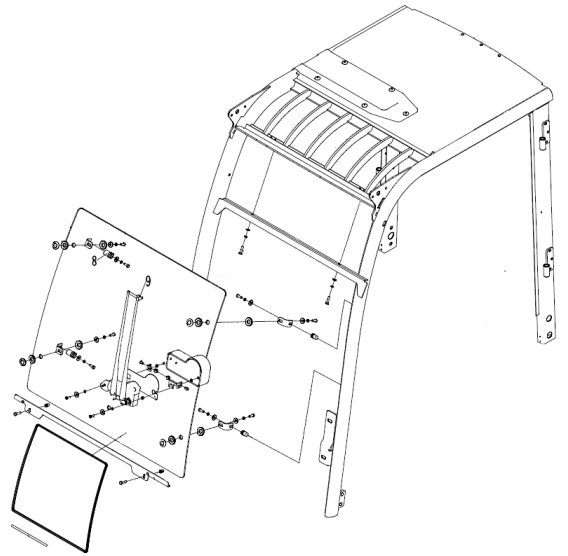
8.2 Option descriptions (OHG and cabin)

FRONT WINDOW

The front screen is 5 mm toughened glass fitted with clamps on the overhead guard.

FRONT

3-wheel truck:



4-wheel truck:



PANEL CABIN

The roof is equipped with 5mm tempered glass and comes with a battery compartment access cover. The battery compartment cover can be opened, facilitating battery handling with lifting equipment.

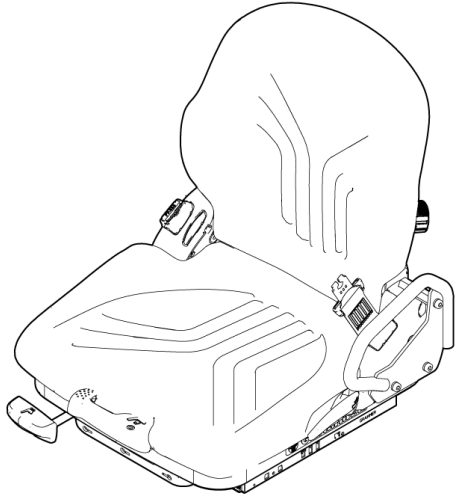
PCAB

3-wheel truck:



4-wheel truck:



SEAT LUXURY	SEAT/LX
Standard operator's seat. • Vinyl upholstery. • Mechanical suspension. • Suspension travel 60 mm. • Mechanical weight adjustment range 45–170 kg. • Backrest angle adjustment range -5° to $+30^{\circ}$ in steps of 2.5°. NOTE: When the seat is in the rear position, the tilt angle adjustability is limited. • Ergonomically shaped seat and back cushions for optimal lateral support. • Dual sensitive retractable seat belt with maximum freedom of movement while still ensuring that the driver is safely restrained in the seat. • Seat belt switch. • Adjustable left-hand armrest. • Adjustable right-hand armrest (except Fingertip control models). • Orange seatbelt. • Document box. Forward and backward operating direction selection switch on the armrest.	

9 WHEEL OPTIONS

9.1 Option availability (wheel)

o	Standard equipment
•	Available option
—	Not available

See Option descriptions for details.

OPTION	NOTES	CODE	EP16QT	EP20QT	EP16Q	EP20Q	EP25Q	EP30Q	EP35Q	EP35QL
Solid Pneumatic Tires		US/US	o	o	o	o	o	o	o	o
Solid Non Marking Tires		NM/US	•	•	•	•	•	•	•	•

9.2 Option descriptions (wheel)

SOLID NON MARKING TIRES	NM/US
Non-marking tires are recommended in applications where the floor must be kept as clean as possible. NOTE: Non-marking tires are not conductive. In order to avoid the accumulation of static electricity on the truck, a ground strap is installed on the truck chassis when the truck is ordered with non-marking tires.	

10 ENVIRONMENT OPTIONS

10.1 Option availability (environment)

o	Standard equipment
•	Available option
—	Not available

See Option descriptions for details.

OPTION	NOTES	CODE	EP16QT	EP20QT	EP16Q	EP20Q	EP25Q	EP30Q	EP35Q	EP35QL
Cold Store Modification -18°		MODCS18	•	•	•	•	•	•	•	•

10.2 Option descriptions (environment)

COLD STORE MODIFICATION -18°	MODCS18
Storages down to -18°C (in and out, less than 10 minutes) (freezer)	Trucks where nearly each work cycle involves driving in and out of the cold storage belong to this category. In these conditions the average temperature of the truck will be below 0°C and condensation will form on the truck. In these conditions, the truck should not remain in the cold storage for longer than 10 minutes. The reason is that the condensation that forms must not have time to freeze. When the truck is not used, it must be parked outside of the cold storage (breaks, maintenance or charging etc.).
Storages down to -18°C (in and out, continuous operation)	Trucks that are used continuously inside the cold storage for long periods and are then driven out to normal temperature belong to this category. This kind of use make the demands on the hydraulic oil extremely high. Due to the viscosity of the hydraulic oil, reduced performance maybe experienced. The truck must be completely free of moisture and condensation before the shift inside the cold storage starts. The truck must be parked inside the cold storage during short breaks that are less than 30 minutes. The truck must not be kept in the cold storage area unused for longer than 30 minutes.
The following applies to all categories of cold storage use: • Charging, maintenance and long-term parking must always be done at or above +1°C. • Battery must never stand unused inside the cold storage for long periods. • Condensation must be avoided due to the risk of freezing. • OIL/VG15 is required.	

For more information on this range visit:

www.catliftdealer.com

www.catlifttruck.com

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