

Carrelli elettrici frontali 3 e 4 Ruote

ECBT16Q
ECBT20Q

ECB16Q
ECB20Q
ECB25Q
ECB30Q
ECB35Q
ECB35QL



La serie L'M Lithium Electric offre una soluzione affidabile ed economica per semplificare le vostre operazioni interne ed esterne.



PERCHE' L'M?

- Perfetto per impieghi medio-bassi
Progettato per soddisfare esigenze specifiche fornendo prestazioni affidabili per compiti essenziali
- Conveniente: Rapporto qualità-prezzo imbattibile
- Robusto e affidabile
- Basso costo di esercizio: Con le batterie al Litio non è necessaria nessuna manutenzione.
- Versatile: Adatto all'esterno e all'interno
- Sicuro: Dotato di tutti i dispositivi di sicurezza
- Guida facile. Comandi intuitivi e semplici da utilizzare





3 ruote ECBT 16-20





CARRELLI 3 RUOTE

CONFIGURAZIONE STANDARD

ECBT16-20Q

- Batteria 51,2V / 206Ah
- 48V / 100A caricabatteria
- 2 Montante 3300 mm Simplex
- 4° elemento distributore
- Gommatura anteriore e posteriore superelastica
- PVC tetto standard
- Cicalino di avviso di retromarcia
- Traslatore laterale
- Specchio retrovisore
- Sedile ammortizzato
- Blue spot posteriore

OPZIONI

- Batteria 51,2V / 277Ah
- 48V / 150A caricabatteria
- 48V / 50A caricabatteria
- Kit per temperatura - 18°C
- Montante 2 stadi 4000 mm
- Montante 3 stadi 4300 mm
- Montante 3 stadi 4500 mm
- Montante 3 stadi 4800 mm (su richiesta)
- Montante 3 stadi 5500 mm
- Cabina Completa
- Comando a Inversione a pulsante
- Sedile Lusso Grammer MSG65
- Posizionatore forche
- Gomme antitraccia
- Vetro anteriore con tergicristallo





CARRELLI 3 RUOTE

		L'M		L'M	
				ECBT16Q	ECBT20Q
Identification	1.1	Manufacture (abbreviation)			
	1.2	Manufacturer's type designation		ECBT16Q	ECBT20Q
	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
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, super elastic, pneumatic, polyurethane		Super Elastic	Super Elastic
	3.2	Tyres size, front		18 x 7-8	200 / 50-10
	3.3	Tyres size, rear		15 x 4.5 / -8	15 x 4.5 / -8
	3.5	Wheels, number front / rear (x=driven wheels)		2x / 2	2x / 2
	3.6	Track width, front	b10 mm	902	902
	3.7	Track width, rear	b11 mm	187	187
	Basic Dimensions	4.1	Mast / fork carriage tilt forward / backward	α/β mm	5 / 7
4.2		Lowered mast height	h1 mm	1995	1995
4.3		Free lift	h2 mm	125	125
4.4		Lift height	h3 mm	3000	3000
4.5		Extended mast height	h4 mm	3955	3955
4.7		Overhead load guardheight	h6 mm	2100	2100
4.8		Seat height / standing height	h7 mm	1005	1005
4.12		Coupling height	h10 mm	465	465
4.19		Overall length	l1 mm	2870	3155
4.20		Length to face of forks	l2 mm	1950	2085
4.21		Overall width	b1 / b2 mm	1084	1084
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	105	105
4.32		Ground clearance, centre of wheelbase	m2 mm	105	105
4.33		Aisle width for pallets 1000x1200 crossways	Ast mm	3268	3403
4.34		Aisle width for pallets 800x1200 lengthways	Ast mm	3393	3527
4.35	Turning radius	Wa 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 ₃	V/Ah	Lion: 51.2 / 206 (277 option)	Lion: 51.2 / 206 (277 option)
	6.5	Battery weight	kg	Lion: 450	Lion: 450
	Battery dimensions l/w/h	mm	980 x 538 x 670	980 x 668 x 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





4 ruote
ECB 16-35



Li-ion



4 ruote
ECB 16-35





CARRELLI 4 RUOTE

CONFIGURAZIONE STANDARD

ECB16-35Q

- Batteria 76.8V | 125Ah 16-20 Q.li | 206Ah 25-30 Q.li | 277Ah 35 Q.li |
- Caricabatteria 80V / 65A 16-20 Q.li | 65A 25-30 Q.li | 100 Ah 35 Q.li |
- Montante 3300 mm Simplex
- 4° elemento distributore
- Gommatura anteriore e posteriore superelastica
- PVC tetto standard
- Cicalino di avviso di retromarcia
- Traslatore laterale
- Specchio retrovisore
- Sedile ammortizzato
- Blue spot posteriore





CARRELLI 4 RUOTE

OPZIONI

ECB16-20Q	ECB25-30Q	ECB35Q(L)
<ul style="list-style-type: none">Batteria 76,8 V / 206Ah	<ul style="list-style-type: none">Batteria 76,8 V / 277Ah	<ul style="list-style-type: none">Batteria 76,8 V / 412Ah
<ul style="list-style-type: none">Caricabatteria 80V / 100 A	<ul style="list-style-type: none">Caricabatteria 80V / 100 A	<ul style="list-style-type: none">Caricabatteria 80V / 150 A
<ul style="list-style-type: none">Caricabatteria Integrato 80V / 35 A	<ul style="list-style-type: none">Caricabatteria Integrato 80V / 35 A	<ul style="list-style-type: none">Caricabatteria Integrato 80V / 35 A
<ul style="list-style-type: none">Caricabatteria Integrato 80V / 100A	<ul style="list-style-type: none">Caricabatteria Integrato 80V / 100A	<ul style="list-style-type: none">Caricabatteria Integrato 80V / 100A
<ul style="list-style-type: none">Montante 2 stadi 4000 mm	<ul style="list-style-type: none">Montante 2 stadi 4000 mm	<ul style="list-style-type: none">Montante 2 stadi 4000 mm
<ul style="list-style-type: none">Montante 3 stadi 4300 mm	<ul style="list-style-type: none">Montante 3 stadi 4300 mm	<ul style="list-style-type: none">Montante 3 stadi 4300 mm
<ul style="list-style-type: none">Montante 3 stadi 4500 mm	<ul style="list-style-type: none">Montante 3 stadi 4500 mm	<ul style="list-style-type: none">Montante 3 stadi 4500 mm
<ul style="list-style-type: none">Montante 3 stadi 4800 mm (su richiesta)	<ul style="list-style-type: none">Montante 3 stadi 4800 mm (su richiesta)	<ul style="list-style-type: none">Montante 3 stadi 4800 mm (su richiesta)
<ul style="list-style-type: none">Montante 3 stadi 5500 mm	<ul style="list-style-type: none">Montante 3 stadi 5500 mm	<ul style="list-style-type: none">Montante 3 stadi 5500 mm
<ul style="list-style-type: none">Cabina Completa	<ul style="list-style-type: none">Cabina senza porte	<ul style="list-style-type: none">Cabina senza porte
<ul style="list-style-type: none">Comando a Inversione Fingertip	<ul style="list-style-type: none">Comando a Inversione Fingertip	<ul style="list-style-type: none">Comando a Inversione Fingertip
<ul style="list-style-type: none">Sedile Lusso Grammer MSG65	<ul style="list-style-type: none">Sedile Lusso Grammer MSG65	<ul style="list-style-type: none">Sedile Lusso Grammer MSG65
<ul style="list-style-type: none">Posizionatore forche	<ul style="list-style-type: none">Posizionatore forche	<ul style="list-style-type: none">Posizionatore forche
<ul style="list-style-type: none">Gomme antitraccia	<ul style="list-style-type: none">Gomme antitraccia	<ul style="list-style-type: none">Gomme antitraccia
<ul style="list-style-type: none">Vetro anteriore con tergicristallo	<ul style="list-style-type: none">Vetro anteriore con tergicristallo	<ul style="list-style-type: none">Vetro anteriore con tergicristallo
	<ul style="list-style-type: none">Maggiorazione potenza sollevamento e trazione	<ul style="list-style-type: none">Maggiorazione potenza sollevamento e trazione





CARRELLI 4 RUOTE

Identification	1.1	Manufacture (abbreviation)		L'M	L'M
	1.2	Manufacturer's type designation		ECB16Q	EBC20Q
	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
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		Super Elastic	Super Elastic
	3.2	Tyres size, front		6.50-10-10PR	6.50-10-10PR
	3.3	Tyres size, rear		5.00-8-10PR	5.00-8-10PR
	3.5	Wheels, number front / rear (x=driven wheels)		2x / 2	2x / 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	α/β mm	6 / 10
4.2		Lowered mast height	h1 mm	2053	2053
4.3		Free lift	h2 mm	130	130
4.4		Lift height	h3 mm	3000	3000
4.5		Extended mast height	h4 mm	3982	3982
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 / b2 mm	1150	1150
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 1000x1200 crossways	Ast mm	3501	3506
4.34		Aisle width for pallets 800x1200 lengthways	Ast mm	3701	3706
4.35	Turning radius	Wa mm	1920	1920	
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 S ₂ 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 ₂ 15%	kW	12	12
	6.3	Battery standard		Lion	Lion
	6.4	Battery voltage, nominal capacity K ₃	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	mm	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)	72	72



Li-ion



CARRELLI 4 RUOTE

			L'M	L'M	L'M	L'M	
			ECB25Q	ECB30Q	ECB35Q	ECB35QL	
Identification	1.1	Manufacture (abbreviation)					
	1.2	Manufacturer's type designation					
	1.3	Drive: electric (battery or mains), diesel, petrol gas, manual)					
	1.4	Type of operation (hand, pedestrian, standing, seated, order-picker)					
	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
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 Elasticc	Super Elastic	Super Elastic	Super Elastic
	3.2	Tyres size,front		7.00-12-12PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR
	3.3	Tyres size,rear		18x7-8-14PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	3.5	Wheels, number front/rear(x=driven wheels)		2x / 2	2x / 2	2x / 2	2x / 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	α/β mm	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 / b2 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 1000x1200 crossways	Ast mm	3903	4039	4153	4153	
4.34	Aisle width for pallets 800x1200 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 ₃	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

