

# Logistec



## Logistec CQE15R Electric Reach Stacker

Best choice for narrow aisle, non-standard pallet and high shelf stacking;  
All solenoid valve control ensure operation accurate and reliable;  
EPS control makes steering operation more efficient and comfortable.

# Logistec CQE15R Electric Reach Stacker

## Performance



- The innovative AC system offer strong power, accurate control, excellent performance.
- High strength vertical gearbox, longer working lift.
- Low-noise but durable hydraulic unit, good quality cylinder as well as hose ensure the high reliability of hydraulic system.
- AMP connector electric wires and cables, greatly reducing electric parts failure rate.
- H shape mast channel improves the strength of the whole truck.
- Applied with electric valve on and better heat releasing systems support long time operation

## Safety



- Safe hydraulic system design prevents mast from falling down abruptly when hydraulic pipeline cuts off.
- Emergency reverse belly button protects the operator from getting hurt.
- Emergency disconnecter will cut off power source to avoid accident when truck goes out of control.
- Multiple lifting limit protection ensure safety.
- Anti-rolling back brake keeps the truck from skidding down when truck is out of control or travelling on ramp
- Electric valve will be locked up when power is cut off.
- Dual-monitoring power steering.
- Automatically slow down speed when in turn (EPS)

## Operation



- With the new design of ergonomic tiller head, all buttons can be reached conveniently & comfortably
- Foldable platform reduces vibration which makes operator feel more comfortable.
- Compact design, flexible and operational.
- When platform is folded, truck can work at low speed in smaller space.
- Ergonomically designed safe guard with high strength feature
- Electric proportional valve equipped as standard feature.
- Electric power steering, smooth & comfortable (EPS).

## Maintenance



- AC traction motor, maintenance free.
- Hour meter and battery indicator remind the operator of battery charging.
- Easily remove the back cover by only loosening six bolts: Access to all key components for inspection, maintenance, and replacement.
- Vertical motor makes the inspection & service much more convenient
- Control system allows easy troubleshooting
- Low voltage lift cut off design protects the battery

# Logistec CQE15R Electric Reach Stacker

## Specifications

Distinguishing mark	Logistec		
	Logistec CQE15R Electric Reach Stacker		
1.1	Manufacturer		Logistec
1.2	Model designation		Logistec CQE15R Electric Reach Stacker
1.3	Drive unit		Electric
1.4	Operator type		Standing
1.5	Rated capacity	q	kg
1.6	Load center distance	c	mm
1.8	Load distance, Centre of drive axel to fork	x	mm
1.9	Wheelbase	y	mm
2.1	Service weight (include battery)		kg
2.3.1	Axle loading, unladen front/rear		kg
2.4.1	Axle loading, fork advance, laden front/rear		kg
2.5.1	Axle loading, fork retracted, laden front/rear		kg
3.1	Tyre type		Polyurethane
3.2.1	Tyre size, front		mm
3.3.1	Tyre size, rear		mm
3.4	Additional wheels		mm
3.5.1	Wheels, number front/rear (x=drive wheels)		mm
3.6	Tread, front	b10	mm
3.7	Tread, rear	b11	mm
4.1	Tilt of mast/fork carriage forward/backward	$\alpha/\beta$	$^{\circ}$
4.2	Height, mast lowered	h1	mm
4.3	Free lift	h2	mm
4.4	Lift height	h3	mm
4.5	Height, mast extended	h4	mm
4.7	Height of overhead/ guard cabin	h6	mm
4.8	Seat height/standing height	h7	mm
4.10	Height of wheel arms	h8	mm
4.19	Overall length	l1	mm
4.20	Length to face of forks	l2	mm
4.21	Overall width	b1/b2	mm
4.22	Fork dimensions	s/e/l	mm
4.23	A,B Fork carriage class/type A, B		
4.24	Fork carriage width	b3	mm
4.25	Distance between fork-arms	b5	mm
4.26	Distance between wheel arms/loading surfaces	b4	mm
4.28	Reach distance	l4	mm
4.31	Ground clearance, laden, below mast	m1	mm
4.32	Ground clearance, center of wheelbase	m2	mm
4.34.1	Aisle width for pallets 1000x1200 crossways	Ast	mm
4.34.2	Aisle width for pallets 800x1200 crossways	Ast	mm
4.36	turning radius	Wa	mm
4.37	Length across wheel arms	l7	mm
5.1	Travel speed, laden/unladen		km/h
5.2	Lifting speed, laden/unladen		m/s
5.3	Lowering speed, laden/unladen		m/s
5.4	Reaching speed, laden /unladen		m/s
5.8	Max. gradeability, laden/unladen		%
5.10	Service brake		
5.11	Parking brake		
6.1	Drive motor rating S2 60 min		kw
6.2	Lift motor rating at S3 15%		kw
6.4	Battery voltage/nominal capacity		V/ah
6.5	Battery weight		kg
8.1	Type of drive unit		
10.5	Steering design		
10.7	Sound pressure level at the driver's ear		dB(A)

If there are improvements of technical parameters or configurations, no further notice will be given. The diagram shown may contain non-standard configurations.

## Specifications

### 1. Service weight (include battery)

Mast height(mm)	Service Weight (kg)
<b>2 - Stage Mast</b>	
2500	1920
2700	1935
3000	1955
3300	1975
3600	1995
4000	2010
4300	2040
<b>3 - Stage Mast</b>	
3500	2090
4000	2120
4500	2150
4800	2170
5000	2180
5500	2210

### 2. Battery

CQE15R	
Standard	Option
280	360
230	300

### 3. Mast

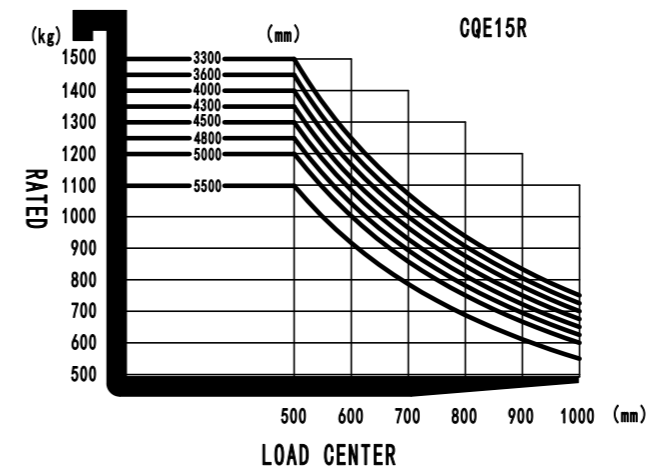
Without Side Shift						With Side Shift					
2 - Stage Mast						2 - Stage Mast					
Lift(h)	Lowered Mast(h)		Extended Mast(h)		Lift(h)	Lowered Mast Height		Extended Mast(h)			
h3	h1		h4	h4(*)	h3	h1		h4	h4(*)		
2500	1815		3500	3075	2500	1815		3525	3075		
2700	1915		3700	3275	2700	1915		3725	3275		
3000	2065		4000	3575	3000	2065		4025	3575		
3300	2215		4300	3875	3300	2215		4325	3875		
3600	2365		4600	4175	3600	2365		4625	4175		
4000	2565		5000	4575	4000	2565		5025	4575		
4300	2715		5300	4875	4300	2715		5325	4875		
Note (*.) for without backrest						Note (*.) for without backrest					
3 - Stage Mast						3 - Stage Mast					
Lift(h)	Lowered Mast Height		Free Lift		Extended Mast(h)	Lift(h)	Lowered Mast Height		Free Lift		Extended Mast(h)
h3	h1	h2	h2(*)	h4	h4(*)	h3	h1	h2	h2(*)	h4	h4(*)
3500	1735	740	1165	4500	4075	3500	1735	715	1165	4525	4075
4000	1900	905	1330	5000	4575	4000	1900	880	1330	5025	4575
4500	2065	1070	1495	5500	5075	4500	2065	1045	1495	5100	5075
4800	2165	1170	1595	5800	5375	4800	2165	1145	1595	5400	5375
5000	2230	1235	1660	6000	5575	5000	2230	1210	1660	5600	5575
5500	2395	1400	1825	6500	6075	5500	2395	1375	1825	6100	6075
Note (*.) for without backrest						Note (*.) for without backrest					

## Specifications

### 4. Dimensions (mm)

	CQE15R				
		Without Side Shift		With Side Shift	
		2-Stage Mast	3-Stage-Mast	2-Stage Mast	3-Stage-Mast
Overall length (minimum)	l1	2332	2379	2367	2413
Length to face of forks	l2	1262	1309	1297	1344
Reach distance	l4	610	570	570	535
Aisle width for pallets 1000x1200 crossways	Ast	2726	2759	2751	2784
Aisle width for pallets 800x1200 lenthways	Ast	2766	2808	2797	2839
Aisle width for pallets 1000x1200 lenthways	Ast	2817	2857	2847	2886
Aisle width for pallets 800x1200 crossways	Ast	2603	2629	2622	2649

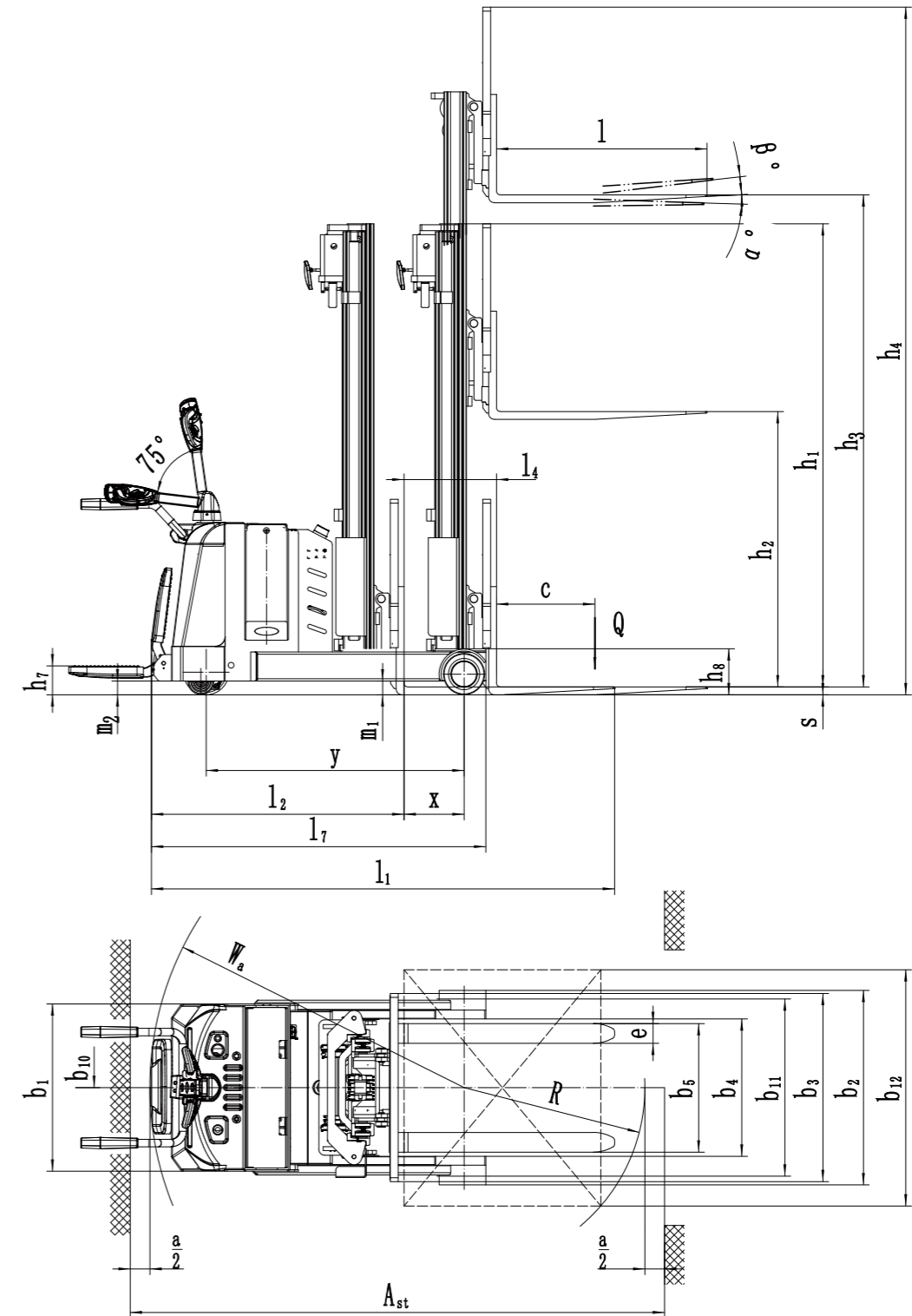
## Rated Capacities Graph



## Options

No.	Option items	Logistec CQE15R
1.1	Fork dimension	<ul style="list-style-type: none"> <li>● 900*600 2A 100*40*920</li> <li>○ 900*600 2A 100*40*1070 ○ 900*600 2A 100*40*1150</li> <li>○ 900*600 2A 100*40*1220 ○ 900*600 2A 100*40*1370</li> <li>○ 900*600 2A 100*40*1520 ○ 900*600 2A 100*40*1800</li> </ul>
1.3	Fork lowered height	● 40
1.5	Fork carriage height	● 36in
2.2	Load wheel material	● Polyurethane
2.3	Drive wheel material	● Polyurethane
2.7	Battery capacity	○ 210Ah ○ 280Ah ○ 205Ah(Li-ion)
2.8	Charger	● 24V-30AExternal Lead-acid ○ 24V-100AExternal
2.9	Battery indicator	● With time (Bluetooth)
2.11	Attachments	● No ○ Fork positioner
3.2	Fork carriage	● Yes and not customized
3.3	Castor wheels	● Yes and not customized
3.4	Water auto-filling system	● No ○ Yes and not customized
3.7	Warning lamp	● Yes and not customized
3.11	Rearview mirror	● No ○ Yes and not customized
3.12	Buzzer	● Yes and not customized
3.23	Remote monitoring	● No ○ Yes and not customized (only for Li-ion battery)
3.24	Side supports	● Yes and not customized
4.1	Battery side pull function	● Yes and not customized
4.2	Cold storage	● No ○ Yes and not customized
4.5	Proportional lift system	● Yes and not customized
4.7	Overhead guard	● No ○ Yes and not customized
5.1	Battery side pull attachment	● No ○ Side pull trolley

Note ● Standard ○ Optional - n/a





[www.sitecraft.net.au](http://www.sitecraft.net.au) | 1300 363 152 | [sales@sitecraft.com.au](mailto:sales@sitecraft.com.au)