

Identification	1.1	Manufacturer			BYD
	1.2	Model			ECB50
	1.3	Drive			Electric
	1.4	Operator type			Seated
	1.5	Rated capacity	Q	kg	5000
	1.6	Load center	c	mm	500
	1.7	Load distance, center of drive axle to fork	x	mm	550
	1.8	Wheelbase	y	mm	2000
Weight	2.1	Service weight		kg	7200
	2.2	Axle load, with load, front/rear		kg	10810/1390
	2.3	Axle load, without load, front/rear		kg	3200/4000
Wheels, Chassis	3.1	Tyres			SE
	3.2	Tyre size, front			28x12.5-15
	3.3	Tyre size, rear			21x8-9
	3.5	Wheels, number front rear (X=driven wheels)			2x/2
	3.6	Track width, front	b10	mm	1216
	3.7	Track width, rear	b11	mm	1030
Basic Dimensions	4.1	Tilt of mast/fork carriage forward/backward	a/b	deg	6/8
	4.2	Height, mast lowered	h1	mm	2350
	4.3	Free lift	h2	mm	150
	4.4	Lift height	h3	mm	3000
	4.5	Height, mast extended	h4	mm	4300
	4.7	Height of overhead guard	h6	mm	2360
	4.8	Seat height	h7	mm	1220
	4.12	Coupling height	h10	mm	480
	4.19	Overall length	l1	mm	3980
	4.20	Length to face of forks	l2	mm	2910
	4.21	Overall width	b1	mm	1516
	4.22	Fork dimensions	s/e/l	mm	55/150/1070
	4.24	Fork carriage width	b3	mm	1310
	4.31	Ground clearance, with load, below mast	m1	mm	150
	4.32	Ground clearance, center of wheelbase	m2	mm	180
	4.33	Aisle width for pallets 1000x1200 crossways	Ast	mm	4550
4.34	Aisle width for pallets 800x1200 lengthways	Ast	mm	4750	
4.35	Turning radius	Wa	mm	2600	
Performance Data	5.1	Travel speed, with/without load		Km/h	18/18
	5.2	Lift speed, with/without load		mm/s	350/450
	5.3	Lowering speed, with/without load		mm/s	500/420
	5.6	Max. drawbar pull, with/without load		KN	23/17
	5.8	Max. gradeability, with/without load		%	20/20
	5.9	Acceleration time, with/without load (0-10m)		s	
	5.10	Service brake			Mech./Hydr.
Motor	6.1	Drive motor rating S2 60 min.		kW	AC-2x15
	6.2	Lift motor rating at S3 15%		kW	AC-25.4

Mo	6.4	Battery voltage, nominal capacity K5		V/Ah	80V/810Ah
	6.5	Battery weight		kg	875
Others	8.1	Type of drive control			AC
	8.2	Operating pressure for attachments		Mpa	18.5
	8.4	Sound level at the driver's ear		dB(A)	<75
	8.5	Towing coupling, type			Pin

