

TRUCK FEATURES



STANDARD AUSSTATTUNG:

BYD-Eisen-Phosphat Technologie
Batterie 80V 270Ah (21.6 kWh)
Zwei AC-Fahrmotoren
4-Wege-Ventil-Block
Integrierter Seitenschieber
Mechanische Hydraulikhebel (Basis Modell)
Minihebel (Comfort Modell)
LED Beleuchtung (Comfort Modell)
TFT Display
Reduzierung der Kurvengeschwindigkeit
Ölbad-Lamellenbremsen
Regeneratives Bremssystem
Ladegerät 80V 100A
Clear-View Mast - zwei Freihubzylinder
Oranger Sicherheitsgurt

OPTIONALE AUSSTATTUNG:

Schnelllader 1 Stunde Ladezeit
Ladegerät 80V 200A
Elektrische Parkbremse
Kabine und Wetterschutz Optionen
Zweifach-Joystick
Synchronisierte Lenkung
Blue light vorne / hinten
Panorama Spiegel
Arbeitsscheinwerfer hinten
LED Beleuchtung (Basis Modell)
Blitzleuchte
Ablagefach mit USB Anschluss
Verschiedene Mastoptionen



ISO 9001
ISO 14001
OHSAS 18001



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BYD ECB16D/18D 4-wheel counterbalanced trucks offer a compact design, increased driving stability and maximum maneuverability. With dual AC drive technology, all BYD lift trucks offer industry leading performance.

BYD trucks are powered by the BYD Iron-Phosphate technology with state-of-art Battery Management System and with the longest battery-warranty in the industry, 8 years or 10,000 hours, peace of mind is assured.

With recharge times as low as 65 minutes, BYD forklifts can operate across multiple shifts without the need to change or replace the battery.

ECB16D/18D

BYD COUNTERBALANCE FORKLIFT
4-WHEELER (1600kg/1800kg)

**CHANGE YOUR MIND
NOT YOUR BATTERY**

 Lithium | **8 YRS 10,000 HRS** Battery Warranty | BYD Iron-Phosphate

ECB16D/18D SPECIFICATIONS

				BYD	BYD	
				ECB16D	ECB18D	
Identification	1.1	Manufacturer				
	1.2	Model				
	1.3	Drive				
	1.4	Operator type				
	1.5	Rated capacity	Q	kg	1600	1800
	1.6	Load center	c	mm	500	500
	1.8	Load distance, center of drive axle to fork	x	mm	370	370
	1.9	Wheelbase	y	mm	1400	1400
	Weight	2.1	Service weight			
2.2		Axle load, with load, front/rear				
2.3		Axle load, without load, front/rear				
Wheels, Chassis	3.1	Tyres				
	3.2	Tyre size, front				
	3.3	Tyre size, rear				
	3.5	Wheels, number front rear (x=driven wheels)				
	3.6	Track width, front	b10	mm	900	900
	3.7	Track width, rear	b11	mm	900	900
	Basic Dimensions	4.1	Tilt of mast/fork carriage forward/backward			
4.2		Height, mast lowered	h1	mm	2020	2020
4.3		Free lift	h2	mm	125	125
4.4		Lift height	h3	mm	3000	3000
4.5		Height, mast extended	h4	mm	3985	3985
4.7		Height of overhead guard	h6	mm	2050	2050
4.8		Seat height	h7	mm	990	990
4.12		Coupling height	h10	mm	260	260
4.19		Overall length	l1	mm	3145	3145
4.20		Length to face of forks	l2	mm	2075	2075
4.21		Overall width	b1	mm	1060	1060
4.22		Fork dimensions	s/e/l	mm	40/100/1070	40/100/1070
4.23		Fork carriage ISO 2328, class/type A, B			2A	2A
4.24		Fork carriage width	b3	mm	1040	1040
4.31		Ground clearance, with load, below mast	m1	mm	95/100	95/100
4.32		Ground clearance, center of wheelbase	m2	mm	85/90	85/90
4.33		Aisle width for pallets 1000×1200 crossways	Ast	mm	3736	3736
4.34	Aisle width for pallets 800×1200 lengthways	Ast	mm	3590	3590	
4.35	Turning radius	Wa	mm	1820	1820	
Performance Data	5.1	Travel speed, with/without load				
	5.2	Lift speed, with/without load				
	5.3	Lowering speed, with/without load				
	5.6	Max. drawbar pull, with/without load				
	5.8	Max. gradeability, with/without load				
	5.10	Service brake				
Motor	6.1	Drive motor rating S2 60 min.				
	6.2	Lift motor rating at S3 15%				
	6.4	Battery voltage, nominal capacity K5				
	6.5	Battery weight				
	Others	8.1	Type of drive control			
8.2		Operating pressure for attachments				
8.4		Sound level at the driver's ear				
8.5		Towing coupling, type				

*BYD reserves the right to alter and modify the design, features and technical parameters of its products at any given time and without pre-advance, as products are subject to ongoing and continuous development.

MAST SPECIFICATIONS

h3 Lifting Height (mm) h2 Full Free Lift Height (mm) (Load Backrest 1000mm) h1 Height, Mast Fully Lowered (mm)
h4 Height, Mast Fully Extended (mm) (Load Backrest 1000mm) α Tilt Forward β Tilt Backward

Mast Specifications (mm)	h3	h2	h1	h4	α	β	Residual Capacity (kg)		Residual Capacity (kg)	
							ECB16@500MM	ECB16@600MM	ECB18@500MM	ECB18@600MM
2-stage standard Mast	3000	125	2020	3985	5°	7°	1600	1600	1800	1800
	3300	125	2170	4285	5°	7°	1600	1600	1800	1800
	3500	125	2270	4485	5°	7°	1600	1600	1800	1800
	4000	125	2570	4985	5°	7°	1600	1591	1800	1743
	4500	125	2820	5485	5°	5°	1600	1489	1773	1637
2-stage FFL Mast	5000	125	3120	5985	5°	5°	1435	1332	1548	1468
	3000	1035	2020	3985	5°	7°	1600	1600	1800	1800
	3300	1185	2170	4285	5°	7°	1600	1600	1800	1800
	3500	1285	2270	4485	5°	7°	1600	1600	1800	1800
	4000	1585	2570	4985	5°	7°	1600	1591	1800	1743
3-stage FFL Mast (Dual full free lift mast)	4000	810	1895	4985	5°	5°	1600	1591	1800	1743
	4500	1060	2045	5485	5°	5°	1600	1489	1773	1637
	4800	1160	2145	5785	5°	5°	1570	1452	1727	1597
	5000	1210	2195	5985	5°	5°	1435	1332	1548	1468
	5500	1410	2395	6485	5°	3°	1360	1265	1391	1397
	6000	1680	2665	6985	5°	3°	785	858	726	794
3-stage FFL Mast (Single full free lift mast)	6500	1860	2845	7485	5°	3°	507	541	463	495
	4500	1068	2053	5485	5°	5°	1600	1489	1773	1637
	4800	1168	2153	5785	5°	5°	1570	1452	1727	1597
	5000	1218	2203	5985	5°	5°	1435	1332	1548	1468
	5500	1418	2403	6485	5°	3°	1360	1265	1391	1397
	6000	1688	2673	6985	5°	3°	785	858	726	794
6500	1868	2853	7485	5°	3°	507	541	463	495	

*Widened tires required when the mast exceeds 6 meters

LOADING CAPACITY

