



# BYD FORKLIFT

– THE ONLY COMPLETE MODEL RANGE WITH LITHIUM IRON-PHOSPHATE BATTERIES

WAREHOUSE EQUIPMENT RANGE 2016



BYD FORKLIFT

<https://forklift-manuals.jimdofree.com>

# PALLET TRUCK PTP20H

Lithium iron phosphate battery  
 Load Capacity: 2 ton  
 24V Technology  
 Battery:

24V 110Ah, 2.6 kWh (Std.)  
 24V 230Ah, 5.5 kWh (Opt.)

Fast charging:  
 1 to 2.5 hours (\*)



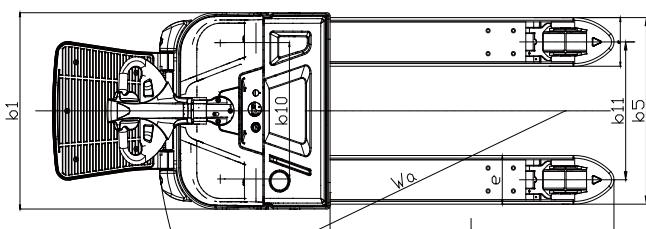
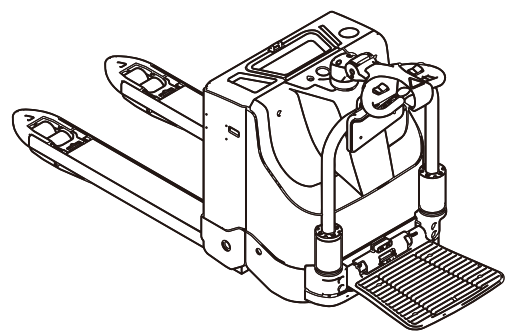
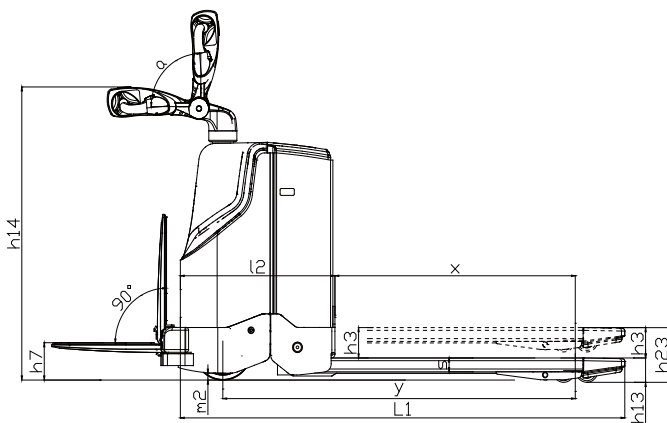
## Standard Features:

- Lithium iron-phosphate battery
- 12 km/h top travelling speed (Adjustable)
- Plug-in Top-charging in 4 sec.
- BYD Fast Intelligent Charger 24V 30A
- AC drive motor
- Electro-magnetic braking
- Electric power steering
- Foldable side bars with position sensors
- Foldable platform with position sensor



## Optional Features:

- Key pad
- Fast charger 24V 90A
- Customized fork dimension



## (\*) Charging Time in Hours

Charger	Battery	
	24V 110Ah 2.6 kWh	24V 230Ah 5.5 kWh
30A (std.)	3.6	7.6
90A (opt.)	1.2	2.5

## BYD PTH20 SPECIFICATIONS

Identification	1.1	Manufacturer			BYD
	1.2	Model			PTP20H
	1.3	Drive			Electric
	1.4	Operator type			Stand-on/Walkie
	1.5	Load capacity	Q	kg	2000
	1.6	Load center	c	mm	600
	1.8	Load distance, center of support arm wheel to face of forks	x	mm	930
	1.9	Wheelbase	y	mm	1365
Weight	2.1	Service weight including battery		kg	660
	2.2	Axle load, with load, driver/caster/fork wheel		kg	850/150/1660
	2.3	Axle load, without load, driver/caster/fork wheel		kg	480/80/100
Wheels, Chassis	3.2	Wheel size, front		mm	85x75
	3.3	Wheel size, rear driving wheel		mm	230x70
	3.4	Additional wheels		mm	120x50
	3.5	Wheels, number front /rear (x=driven wheels)			1x+2/4
	3.6	Track width, front	b10	mm	426
	3.7	Track width, rear	b11	mm	509
Dimensions	4.4	Lift	h3	mm	110
	4.8	Platform height	h7	mm	145
	4.9	Height of tiller in drive position, min/max	h14	mm	1055/1340
	4.15	Lowered height	h13	mm	85
	4.19	Overall length	l1	mm	1730
	4.20	Length to the face of forks	l2	mm	605
	4.21	Overall width	b1	mm	726
	4.22	Fork dimensions	s/e/l	mm	50/180/1125
	4.25	Width over forks	b5	mm	590/690/560
	4.32	Ground clearance, center of wheelbase	m2	mm	21
	4.34	Aisle width for pallets 800X1200 lengthways	ast	mm	2000
	4.35	Turing radius	Wa	mm	1650
Performance Data	5.1	Travel speed, with/without load		km/h	12/12
	5.2	Lift speed, with/without load		m/s	0.05/0.06
	5.3	Lowering speed, with/without load		m/s	0.070/0.065
	5.8	Max. gradeability, with/without load		%	5/7
	5.10	Service brake			Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min		kW	1.3
	6.2	Lift motor rating at S3 15%		kW	1.5
	6.4	Battery voltage/nominal capacity K5		V/Ah	24/110
	6.5	Battery weight		kg	100
Others	8.1	Type of drive control			ZAPI ACO

# STACKER EPS14

Lithium iron phosphate battery  
 Load Capacity: 1.4 ton  
 24V Technology  
 Battery:

24V 110Ah, 2.6 kWh (Std.)  
 24V 230Ah, 5.5 kWh (Opt.)

Fast charging:  
 1 to 2.5 hours (\*)

## Standard Features:

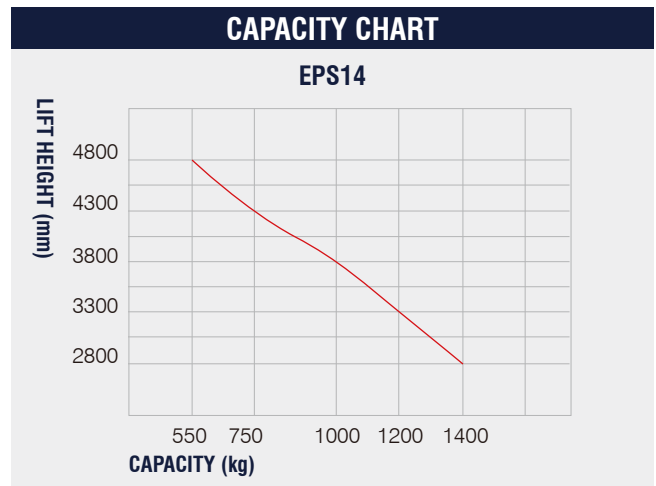
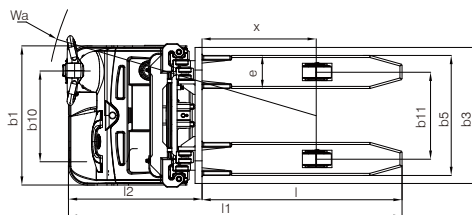
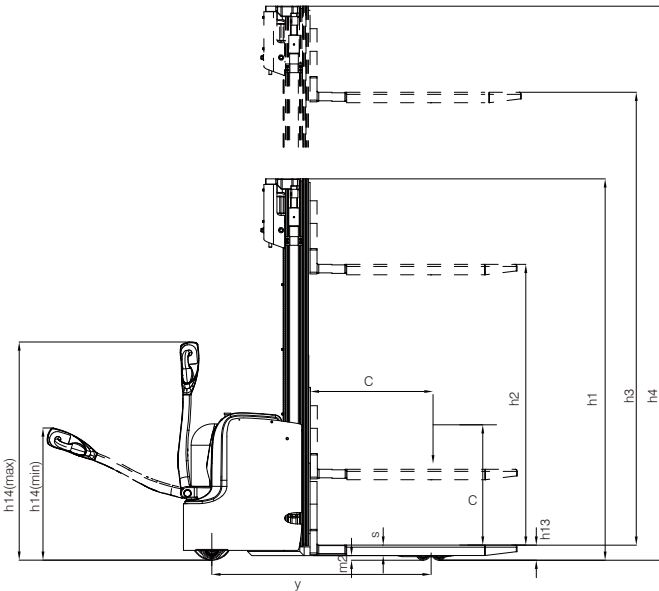
Lithium iron-phosphate battery  
 6 km/h top travelling speed (Adjustable)  
 Plug-in Top-charging in 4 sec.  
 BYD Fast Intelligent Charger 24V 30A  
 AC drive motor  
 Electro-magnetic braking

## Optional Features:

Key pad  
 Fast charger 24V 90A  
 Customized fork dimension



Mast Specs	Lifting Height h3(mm)	Full free Lift Height h2 (mm) (Load Backrest 1000m)	Height, Mast Fully Lowered h1 (mm)	Height, Mast Fully Extended h4 (mm)
2-stage Standard Mast	2500	130	1780	3020
	2900	130	1980	3420
	3200	130	2130	3720
3-stage FFL Standard	4300	1400	1930	4850
	4800	1600	2192	5390
	5300	1700	2280	5850



## (\*) Charging Time in Hours

Charger	Battery	
	24V 110Ah 2.6 kWh	24V 230Ah 5.5 kWh
30A (std.)	3.6	7.6
90A (opt.)	1.2	2.5

## BYD EPS14 SPECIFICATIONS

Identification	1.1	Manufacturer			BYD
	1.2	Model			EPS14
	1.3	Drive			Electric
	1.4	Operator type			Walkie
	1.5	Load capacity	Q	kg	1400
	1.6	Load center	c	mm	600
	1.8	Load distance, center of support arm wheel to face of forks	x	mm	665
	1.9	Wheelbase	y	mm	1261
Weight	2.1	Service weight including battery		kg	1200
	2.2	Axle load, with load, driver/castor/fork wheel		kg	590/442/483
	2.3	Axle load, without load, driver/castor/fork wheel		kg	400/400/200
Wheels, Chassis	3.2	Wheel size, front		mm	Φ85X75
	3.3	Wheel size, driving wheel		mm	Φ230X70
	3.4	Additional wheels		mm	Φ125X50
	3.5	Wheels, number front /rear (x=driven wheels)			1x+2/4
	3.6	Track width, front	b10	mm	380
	3.7	Track width, rear	b11	mm	518
Dimensions	4.4	Lift	h3	mm	3200
	4.15	Lowered height	h13	mm	85
	4.19	Overall length	l1	mm	1911
	4.20	Length to the face of forks	l2	mm	758
	4.21	Overall width	b1	mm	800
	4.22	Fork dimensions	s/e/l	mm	60/180/1150
	4.25	Width over forks	b5	mm	560
	4.32	Ground clearance, center of wheelbase	m2	mm	30
	4.34	Aisle width for pallets 800X1200 lengthways	ast	mm	2432
	4.35	Turing radius	Wa	mm	1564
Performance Data	5.1	Travel speed, with/without load		km/h	6/6
	5.2	Lift speed, with/without load		m/s	0.28/0.14
	5.3	Lowering speed, with/without load		m/s	0.25/0.21
	5.8	Max. gradeability, with/without load		%	5
	5.10	Service brake			Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min		kW	1.5
	6.2	Lift motor rating at S3 15%		kW	3
	6.4	Battery voltage/nominal capacity K5		V/Ah	24/110
	6.5	Battery weight		kg	120
Others	8.1	Type of drive control			AC

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



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