

# Walkie pallet truck 2.0 ton - PTW20



## Iron-phosphate powered

Rated capacity: 2000 kg

## Unique advantage

Ultra fast 1 hour charging

Extended life cycle

Extended working hours

Maintenance-free battery



Identification	1.1	Manufacturer			BYD
	1.2	Model			PTW20
	1.3	Drive			Electric
	1.4	Operator type			Pedestrian
	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	815/865/935
	1.9	Wheelbase	y	mm	1211/1261/1331
	Weight	2.1	Service weight including battery		kg
2.2		Axle load, with load, front/rear		kg	1138/1439
2.3		Axle load, without load, front/rear		kg	438/139
Wheels, Chassis	3.1	Tyres			PU/PU
	3.2	Wheel size, front		mm	Φ250×70
	3.3	Wheel size, rear		mm	Φ82×126(98)
	3.4	Additional wheels		mm	Φ127×57
	3.5	Wheels, number front /rear (x=driven wheels)			1X+2/2(4)
	3.6	Track width, front	b <sub>10</sub>	mm	510
3.7	Track width, rear	b <sub>11</sub>	mm	340/370/470/505	
Dimensions	4.4	Lift	h <sub>3</sub>	mm	120
	4.9	Height of tiller in drive position, min/max	h <sub>14</sub>	mm	780/1230
	4.15	Lowered height	h <sub>13</sub>	mm	82
	4.19	Overall length	l <sub>1</sub>	mm	1655/1705/1775
	4.20	Length to the face of forks	l <sub>2</sub>	mm	555
	4.21	Overall width	b <sub>1</sub>	mm	775
	4.22	Fork dimensions	s/e/l	mm	54×180×1100/1150/1220
	4.25	Width over forks	b <sub>5</sub>	mm	520/550/650/685
	4.32	Ground clearance, center of wheelbase	m <sub>2</sub>	mm	28
	4.33	Aisle width for pallets 1000X1200 sideways	a <sub>st</sub>	mm	2015/2065/2135
	4.34	Aisle width for pallets 800X1200 lengthways	a <sub>st</sub>	mm	2115/2115/2135
4.35	Turing radius	W <sub>a</sub>	mm	1400/1450/1520	
Performance Data	5.1	Travel speed, with/without load		km/h	5.5/5.6
	5.2	Lift speed, with/without load		m/s	0.039/0.056
	5.3	Lowering speed, with/without load		m/s	0.064/0.050
	5.8	Max. gradeability, with/without load		%	8/20
	5.10	Service brake			Electromagnetisch
Electric motor	6.1	Drive motor rating S2 60 min		kW	1.2
	6.2	Lift motor rating at S3 15%		kW	1.2
	6.4	Battery voltage/nominal capacity K <sub>5</sub>		V/Ah	24/110
	6.5	Battery weight		kg	71
	6.6	Energy consumption according to VDI cycle		kWh/h	
	Others	8.1	Type of drive control		
8.4		Sound pressure at operator's ear (EN 12053)		dB(A)	70

\* 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.