



BYD FORKLIFT

P20PS

PALLET TRUCK
WAREHOUSE SERIES



NEW ENERGY FORKLIFT LEADER



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AVAILABLE FEATURES

Safety

- Electric braking system
- Programmable Speed controlling
- Power-off protection
- Emergency switch
- Multi-functional handle
- Turning speed limit

Performance

- Iron-phosphate battery
- AC drive system
- DC lifting system
- Small turning radius
- Rapid charging & opportunity charging
- Digital (LCD) multifunction display
 - Alarm light
 - Maintenance indicator
 - Low speed indicator
 - Error code
- Self-diagnostics
- Built-in analyzer
- Power nap
- Flexible application opportunities

Operability & Ergonomics

- Automatic parking brake
- Easy connection charging port

Serviceability

- AC drive motor (no brushes or commutator)
- DC lifting motor
- Analyzing connection at charging port
- Maintenance-free battery case
- Easy-access controllers
- Easy-lift battery hood

OPTIONAL EQUIPMENT

Load Handling

- Customized fork
- Customized load backrest

Wheels & Tires

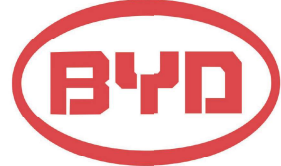
- Standard polyurethane wheel
- Anti-skid wheel



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PALLET TRUCK SPECIFICATIONS

Characteristic	Manufacturer			BYD		BYD	
	Model			P20PS		P20PS-U	
	Drive			Electric		Electric	
	Operator type			Stand-on		Stand-on	
	Load Capacity	Q	lbs	kg	4409	2000	4409 2000
	load center	c	in	mm	24	600	24 600
	Load distance, center of support arm wheel to face of forks	x	in	mm	41	1036	38 966
	wheel base	y	in	mm	54/57	1381/1443	52/54 1311/1373
Weights	Weight (incl. battery)		lbs	kg	1587	720	1653 750
	axle load with load, front/rear		lbs	kg	2668/3329	1210/1510	2646/3417 1200/1550
	axle load without load, front/rear		lbs	kg	1202/386	545/175	1323/331 600/150
Wheels	Wheel type			Polyurethane		Polyurethane	
	wheel size, front	Φ x w		mm	Φ230×75		Φ230×75
	wheel size, rear	Φ x w		mm	Φ85×110		Φ85×110
	Additional wheel spec.	Φ x w		mm	Φ100×50		Φ100×50
	Wheel number, front/rear (x=driven wheels)				1×+2/2(4)		1×+2/2(4) 1×+2/2(4)
	Track width, front	b10	in	mm	20	510	20 510
Track width, rear	b11	in	mm	20	505	15 370	
Dimensions	Lifting Height	h3	in	mm	5	120	5 120
	operation handle height when horizontally/middle position	h14	in	mm	38	970	38 970
	operation handle height when in middle position	h15	in	mm	51	1300	51 1300
	pedal height	h16	in	mm	7	180	7 180
	lowered height	h13	in	mm	3	85	3 85
	Total length (pedal retrieve / put down)	l1	in	mm	74/93	1890/2360	72/90 1820/2290
	length to the face of forks	l2	in	mm	26	670	26 670
	Overall width	b1	in	mm	29	726	29 726
	fork dimension	s/e/l	in	mm	2x7x48	60×180×1220	2x7x45 60×180×1150
	width over forks	b5	in	mm	27	685	22 550
	Ground clearance, center of wheelbase	m2	in	mm	1	25	1 25
	aisle width for pallet 800*1200 lengthways	Ast	in	mm	78/97	1989/2473	76/95 1919/2403
Turning radius	Wa	in	mm	69	1750	66 1680	
Performance	travel speed, with/without load		mph	km/h	3.8/3.8	6/6	7.5/7.5 12/12
	lift speed, with/without load		ft/min	mm/s	79/98	40/50	79/98 40/50
	lowering speed, with/without load		ft/min	mm/s	98/79	50/40	98/79 50/40
	gradability, fully loaded / empty loaded		%	%	6/15	8/15	6/15 6/15
	Service brake				Electric		Electric
	drive motor power		HP	kw	1.7	1.3	2.5 1.9
	Lifting motor power		HP	kw	1.6	1.2	1.6 1.2
	Type of drive control				AC	AC	AC AC
	battery voltage / capacity		V/ Ah	V/Ah	24/130	24/130	24/130 24/130
	battery weight(+/-5%)		lbs	kg	154	70	154 70
	Noise		dB(A)	dB(A)	70	70	70 70
	Steering angle		°	°	180	180	180 180



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