



OPB5E Medium Level Order Picker 0.5t

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Distinguishing mark							
1.1	Model designation			OPB5E(3200)	OPB5E(3600)	OPB5E(4100)	OPB5E(4880)
1.2	Drive unit			Electrics	Electrics	Electrics	Electrics
1.3	Operation type			standing	standing	standing	standing
1.4	rated capacity on front platform	Q ₁	lb. kg	227	227	Δ227	Δ227
	rated capacity on behind platform	Q ₂	lb. mm	137	137	137	137
	rated capacity on standing platform	Q ₃	lb. mm	136	136	136	136
1.5	Wheelbase	y	In. mm	1150	1150	1150	1256
Weight							
2.1	Service weight (include battery)		lb. kg	1160	1230	1340	1530
2.2	Axle loading, laden driving side/loading side		lb. kg	680/980	710/1020	740/1100	780/1220
2.3	Axle loading, unladen driving side/loading side		lb. kg	490/670	500/730	520/820	540/990
Type, Chassis							
3.1	Tyre type driving wheels/loading wheels			polyurethane/rubber	polyurethane/rubber	polyurethane/rubber	polyurethane/rubber
3.2	Tyre size, driving wheels (diameter*width)		In. mm	Φ230x75	Φ230x75	Φ230x75	Φ230x75
3.3	Tyre size, loading wheels (diameter*width)		In. mm	Φ204x76	Φ204x76	Φ204x76	Φ204x76
3.4	Tyre size, caster wheels (diameter*width)		In. mm	Φ74x48	Φ74x48	Φ74x48	Φ74x48
3.5	Wheels, number driving, caster/loading (x=drive wheels)		In. mm	1x,2/2	1x,2/2	1x,2/2	1x,2/2
Dimensions							
4.1	Height, mast lowered	h ₁	In. mm	1590	1670	2120	2120
4.2	Seat height/standing height	h ₇	In. mm	250	250	250	250
4.3	Stand height, elevated	h ₁₂	In. mm	3200	3600	4100	4880
4.4	Overall length	L ₁	In. mm	1500	1500	1500	1610
4.5	Overall width	b ₁ /b ₂	In. mm	800	800	800	860
4.6	Ground clearance, center of wheelbase	m ₂	In. mm	50	50	50	50
4.7	Front cargo platform width	B ₀ xL ₂	In. mm	800x520	800x520	800x520	800x520
4.8	Initial height of front cargo platform	h ₂	In. mm	1082	1082	1082	1082
4.9	Control handle height	h ₅	In. mm	1010	1010	1010	1010
4.10	Behind platform width	L ₄ xB ₁	In. mm	346x660	346x660	346x660	346x660
4.11	Overall length platform launch	L ₃	In. mm	1795	1795	1795	1905
4.12	The channel width	Ast	In. mm	1750	1750	1750	1840
4.13	Turning radius	Wa	In. mm	1385	1385	1385	1450
Performance data							
5.1	Drive speed, laden/unladen		mph km/h	5.5	5.5	5.5	5.5
	Drive speed, laden/unladen		mph km/h	3.7	3.7	3.7	3.7
	Drive speed, laden/unladen		mph km/h	2.6	2.6	2.6	2.6
	Drive speed, laden/unladen		mph km/h	1	1	0.6	0.6
5.2	Lifting speed, laden / unladen		fpm m / s	0.17 / 0.21	0.17 / 0.21	0.17 / 0.21	0.17 / 0.21
5.3	Lowering speed, laden / unladen		fpm m / s	0.35 / 0.26	0.35 / 0.26	0.35 / 0.26	0.35 / 0.26
5.4	Max. gradeability, laden / unladen		%	0	0	0	0
5.5	Service brake type			Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
Electric-engine							
6.1	Drive motor rating S2 60min		hp kW	1.5	1.5	1.5	1.5
6.2	Lift motor rating at S3 15%		hp kW	2.2	2.2	2.2	2.2
6.3	The maximum allowed size battery		in. mm	200x740x670	200x740x670	200x740x670	280x800x670
6.4	Battery voltage / nominal capacity K20		V/Ah	24V/224AH	24V/224AH	24V/224AH	24V/280AH
6.5	Battery weight		ib. kg	163	163	163	250
Additional data							
7.1	Type of drive control			AC	AC	AC	AC
7.2	Steering type			Electronic	Electronic	Electronic	Electronic
7.3	Sound pressure level at the driver's ear		dB(A)	74	74	74	74

Note: The truck maximum operating hours per charge is dependent on the nature of tasks assigned. For more information on the truck functionality, features, and other customization options, please contact your nearest dealership for assistance.

- The parameters in the table are of the standard model. For more information, please contact us.
- The parameters are subject to change without notice.

OPB5E

The RB5E vertical order picker helps you increase productivity in your warehouse while reducing the risk of injuries. With its heavy duty, stable mast and a large working platform, the RB5E order picker will give your employees the safety they need to work efficiently.



Application

The RB5E can elevate an operator up to as much as 4880mm, turn around in as little as 1385mm, and can be driven while lifted and diagonally to move from task to task.

Travel is provided by a high efficiency AC drive motor that can be programmed through the onboard LCD dash, while power comes from a 224AH AGM maintenance free battery pack that supports opportunity charging from a standard 230V outlet.

Option for a bigger size industrial battery with external charger is available.



Productivity

The RB5E vertical order picker from EP Equipment is an unique product. Positioned between low level order picker, ladders and extremely cost intense VNA trucks, the RB5E order picker gives you the ability to pick products as a height of up to 6.5 meters while using a compact, and very stable truck at a reasonable price level. Designed for the E-Commerce and small goods picking environment this product will help you improve productivity and increase safety in the warehouse and in the shopfloor aisles.

