

6,000 & 8,000 lb. capacity

Main Truck Specifications

CHARACTERISTICS				BARRETT	BARRETT	BARRETT	BARRETT	
1	Manufacturer			BARRETT	BARRETT	BARRETT	BARRETT	1
2	Model	Model Designation		WPB-60	WPB-80	RPB-60	RPB-80	2
		Long Model Code		WPTT1W1G60 V	WPTT1W1G80 V	RPTT1W2G60 V	RPTT1W2G80 V	
3	Load Capacity		lb (kg)	6000 (2700)	8000 (3600)	6000 (2700)	8000 (3600)	3
4	Power Type	Electric		24 Volt		24 Volt		4
5	Operator Type			Walkie		Walkie/Rider		5
6	Tire Type			Solid Rubber		Solid Rubber		6
7	Wheels	Number - front/rear		1 / 2		1 / 2		7
8	Size	Outside Spread	in (mm)	27 (686)		27 (686)	27 (686)	8
		Nominal Length	in (mm)	48 (1219)		48 (1219)	96 (2438)	9
	Height	Raised Position	in (mm)	9.25 (234)		9.25 (234)		10
		Lowered Position	in (mm)	3.25 (82.6)		3.25 (82.6)		11
12	Individual Fork Width		in (mm)	9.25 (234)		9.25 (234)		12
13	Overall Dimensions	Head Length	in (mm)	34.4 (874)	34.4 (874)	42.9 (1090)	42.9 (1090)	13
		Length with Forks	in (mm)	82.4 (2093)	82.4 (2093)	90.8 (2306)	138.8 (3527)	14
	Width	Chassis	in (mm)	32.5 (826)		32.5 (826)		15
		Operator Platform		-		35.6 (904)		16
	Wheelbase	Forks Raised	in (mm)	63.6 (1615)		63.6 (1615)	83.5 (2121)	17
	Grade Clearance	Bottom of Pallet to Floor	%	29.4		29.4	22.4	18
	Turning Radius	Minimum Outside	in (mm)	71.5 (1817)		79.7 (2025)	99.5 (2528)	19
	Right Angle Stacking ¹	40" x 48" Pallet	in (mm)	81 (2057)		89 (2261)	139 (3531)	20
	Truck Weight	With Standard Forks	lb (kg)	1040 (472)	1040 (472)	1165 (528)	1340 (608)	21
	22	Tires / Wheels	Drive Tire	in (mm)	10 x 5 (254 x 127) Rubber		10 x 5 (254 x 127) Rubber	
Load Wheels			in (mm)	3.25 x 6 (83 x 152) Poly		3.25 x 6 (83 x 152) Poly		23
24	Speed - Travel	No Load	mph (kph)	3.7 (5.9)		8.7 (14.0)		24
		Full Load	mph (kph)	3.0 (4.8)	2.6 (4.1)	6.4 (10.3)	5.9 (9.5)	25
26	Speed - Lift / Lower	Empty	seconds	3.6 / 5.1		3.6 / 5.1		26
		Full Load	seconds	5.1 / 4.8	6.1 / 4.7	5.1 / 4.8	6.1 / 4.7	27
28	Max Battery Size	L x W x H	in (mm)	31 x 13.25 x 31.62 (787 x 337 x 803)		31 x 13.25 x 31.62 (787 x 337 x 803)		28
29	Amp Hr Capacity	Max (6-hr)	Ah	750		750		29
30	Weight	Min / Max	lb (kg)	800 / 1500 (363 / 680)		900 / 1500 (408 / 680)		30
31	Lead Length	Position "B"	in (mm)	20 (508)		20 (508)		31
32	Connector		type	SB-175 Red		SB-175 Red		32

¹ Add 6-8" for ease of operation. Includes 1" clearance on each side of load

Specifications

RPB Walkie/Rider			Single Pallet			Double Pallet			
SPECIFICATIONS	9	Nominal Fork Length	in	36	42	48	84	96	9
		Actual Fork Length	in (mm)	35.7 (907)	41.7 (1059)	47.7 (1212)	83.7 (2126)	95.7 (2431)	
	17	Wheelbase (Forks Raised)	in (mm)	51.6 (1311)	57.6 (1463)	63.6 (1615)	83.5 (2121)	83.5 (2121)	17
	18	Grade Clearance	%	36.4	32.5	29.4	22.4	22.4	18
	19	Turning Radius	in (mm)	68.0 (1728)	73.9 (1876)	79.7 (2025)	99.5 (2528)	99.5 (2528)	19
	20	Right Angle Stacking Aisle ^{1,2}							20
		40" Load Width	in (mm)	77 (1956)	83 (2108)	89 (2261)	126 (3200)	139 (3531)	
		42" Load Width	in (mm)	77 (1956)	83 (2108)	89 (2261)	126 (3200)	139 (3531)	
		48" Load Width	in (mm)	77 (1956)	83 (2108)	89 (2261)	126 (3200)	139 (3531)	
		90° Intersecting Aisle ¹							
		40" Load Width	in (mm)	63 (1600)	66 (1676)	68 (1727)	80 (2032)	82 (2083)	
	42" Load Width	in (mm)	64 (1626)	67 (1702)	70 (1778)	81 (2057)	83 (2108)		
	48" Load Width	in (mm)	67 (1702)	70 (1778)	73 (1854)	85 (2159)	86 (2184)		
21	Truck Weight	lb (kg)	1110 (504)	1138 (516)	1165 (528)	1303 (591)	1340 (608)	21	

¹ Add 6-8" for ease of operation

² Includes 1" clearance on each side of load