

BER30-9/BER40-9



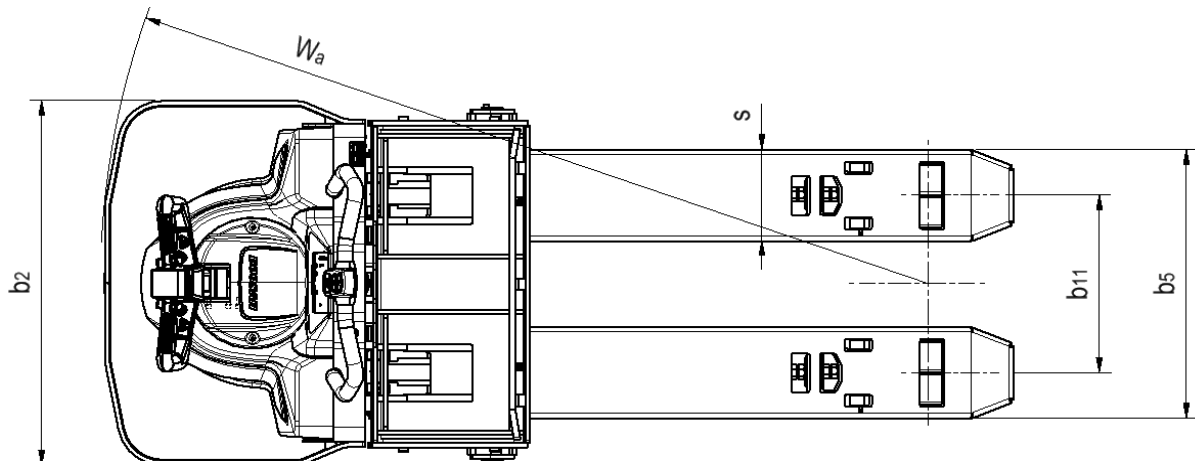
# 9-Series Forklifts

Rider Pallet Trucks  
6,000 lb. to 8,000 lb. Capacity



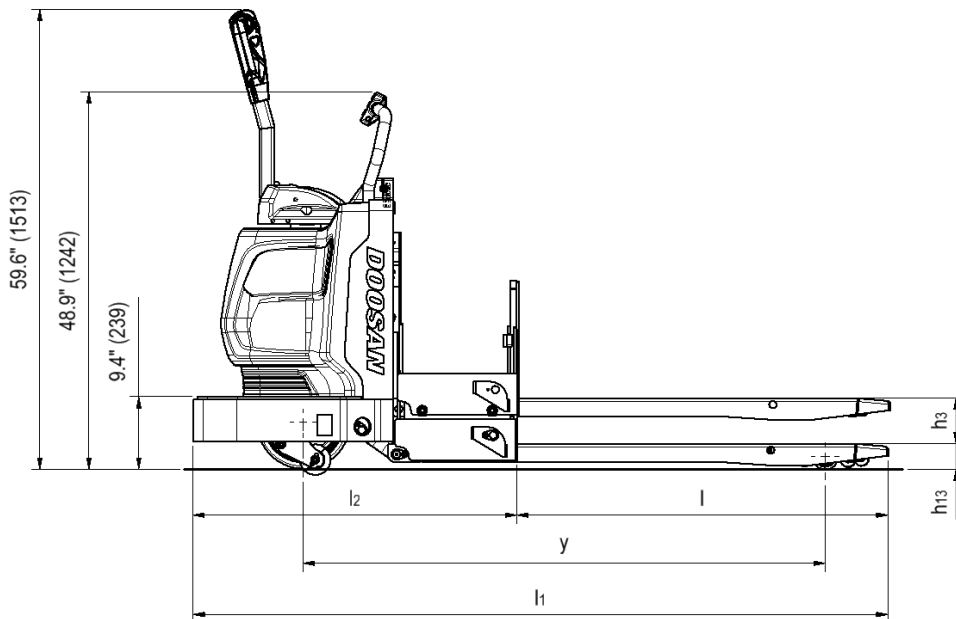
# General Specifications

Characteristics	1.1	Manufacturer						
	1.2	Manufacturer's Designation				BER30-9		
	1.3	Drive: Electric (Battery)				24 Volt		
	1.4	Operator Type: Standing				Standing		
	1.5	Rated Capacity/Rated Load		lb (kg)	6,000 (2,722)			
	1.9	Wheelbase, Lowered	y	in (mm)	55.5 (1,409)	67.5 (1,714)	79.5 (2,019)	
	1.9.2	Wheelbase, Raised		in (mm)	51.9 (1,317)	63.9 (1,622)	75.9 (1,927)	
Weight	2.1	Service Weight		lb (kg)	1,368 (620)	1,418 (643)	1,468 (666)	
	2.3	Axle Loading, Unladen Front/Rear		lb (kg)	1,961 (889) 904 (410)	2,120 (961) 796 (361)	2,290 (1038) 676 (306)	
Tires/Chassis	3.1	Tires: Vulcanized/Polyurethane			Poly/Poly			
	3.2	Tire Size, Front			12 x 4.3x9.5/4x2.5			
	3.3	Tire Size, Rear			3.25x3.25			
	3.5	Wheels, Number Front/Rear (x=Drive Wheels)			1x2/4			
Dimensions	3.7	Tread, Rear	$b_{11}$	in (mm)	17.9 (454)			
	4.4	Lift	$h_3$	in (mm)	5.9 (150)			
	4.15	Height, Lowered	$h_{13}$	in (mm)	3.3 (85)			
	4.19	Overall Length, Lowered	$l_1$	in (mm)	77.9 (1,979)	89.9 (2,284)	101.9 (2,589)	
	4.19.2	Overall Length, Raised		in (mm)	78.2 (1,986)	90.2 (2,291)	102.2 (2,596)	
	4.2	Length to Fork Face, Lowered	$l_2$	in (mm)	41.9 (1,065)			
	4.2.2	Length to Fork Face, Raised		in (mm)	42.2 (1,072)			
	4.21	Overall Width	$b_2$	in (mm)	36.7 (933)			
	4.22	Fork Dimension DIN ISO 2331 - Length	$l$	in (mm)	36 (914)	48 (1,219)	60 (1,524)	
	4.22	Fork Dimension DIN ISO 2331 - Width	$b_5$	in (mm)	27.1 (688)			
	4.22	Fork Dimension DIN ISO 2331 - Overall Width	$s$	in (mm)	9.2 (234)			
4.35	Turning Radius	$W_a$	in (mm)	70.2 (1,782)	82.1 (2,085)	94.1 (2,389)		
Performance	5.1	Travel Speed, Loaded/Unloaded		mph (kmh)	6.7 (10.8)/9.0 (14.5)			
	5.1.2	Travel Speed, Loaded/Unloaded (Backwards)		mph (kmh)	6.0 (9.7)/6.0 (9.7)			
	5.8	Max. Gradeability		%	10			
	5.10	Service Brake			Electromagnetic			
Elec. Motor	6.1	Drive Motor Rating S2 60 min.		kW	5			
	6.2	Lift Motor Rating at S3 15%		kW	1.5			
	6.4	Battery Voltage/Nominal Capacity $K_s$		V/Ah	24/375-930			
	6.5	Battery Weight		lb (kg)	540 (245)/1,500 (680)			



Note : Specification values quoted in this spec sheet have been rounded. Performance may vary due to operating conditions. Products and specifications are subject to improvement and change without prior notices.

Doosan					
BER40-9					
24 Volt					
Standing					
8,000 (3,629)					
55.5 (1,409)	67.5 (1,714)	79.5 (2,019)	89.8 (2,281)		
51.9 (1,317)	63.9 (1,622)	75.9 (1,927)	86.2 (2,189)		
1,390 (630)	1,440 (653)	1,490 (676)	1,608 (729)	1,632 (740)	1,640 (744)
2,058 (933) 830 (376)	2,100 (952) 788 (357)	2,307 (1,046) 681 (309)	2,416 (1,095) 691 (313)	2,445 (1,109) 685 (311)	2,474 (1,122) 665 (301)
Poly/Poly					
12 x 4.3x9.5/4x2.5					
3.25x3.25			3.25x5.6		
1x2/4			1x2/4		
17.9 (454)			17.9 (454)		
5.9 (150)					
3.3 (85)					
77.9 (1,979)	89.9 (2,284)	101.9 (2,589)	125.9 (3,199)	134.9 (3,427)	137.9 (3,503)
78.2 (1,986)	90.2 (2,291)	102.2 (2,596)	126.2 (3,206)	135.2 (3,434)	138.2 (3,510)
41.9 (1,065)					
42.2 (1,072)					
36.7 (933)					
36 (914)	48 (1,219)	60 (1,524)	84 (2,134)	93 (2,362)	96 (2,438)
27.1 (688)			27.9 (709)		
9.2 (234)			10 (254)		
70.2 (1,782)	82.1 (2,085)	94.1 (2,389)	104.4 (2,650)		
6.7 (10.8)/9.0 (14.5)					
6.0 (9.7)/6.0 (9.7)					
8					
Electromagnetic					
5					
1.5					
24/375-930					
540 (245)/1,500 (680)					





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