

PMR27/36

FEATURES

PMR27/36

THE NEXT EVOLUTION OF PALLET JACKS

6,000 lbs | 24V AC Motor | Zero Battery Maintenance | 8-year Battery Warranty

STANDARD EQUIPMENT

Iron Phosphate Battery Technology
AC drive system
DC lifting system
Digital multifunction display
Maintenance indicator
Low speed indicator
Error code
Self-diagnostics
Built-in analyzer

STANDARD SAFETY FEATURES

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

OPTIONAL EQUIPMENT

Customized fork
Customized load backrest
Anti-skid wheel



BYD Material Handling
18910 S Wilmington Ave
Rancho Dominguez, CA 90220

BYD Forklift production site is certified:
ISO 9001 ISO 14004 OHSAS 18001

661-940-3255

byd-forklifts.com

sales@byd-forklifts.com



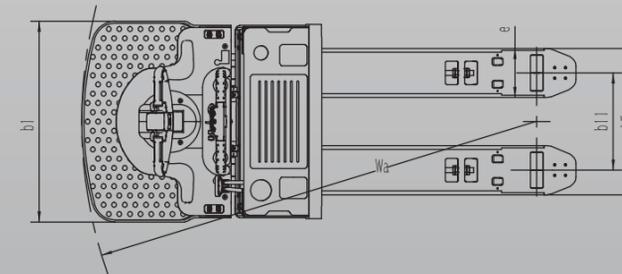
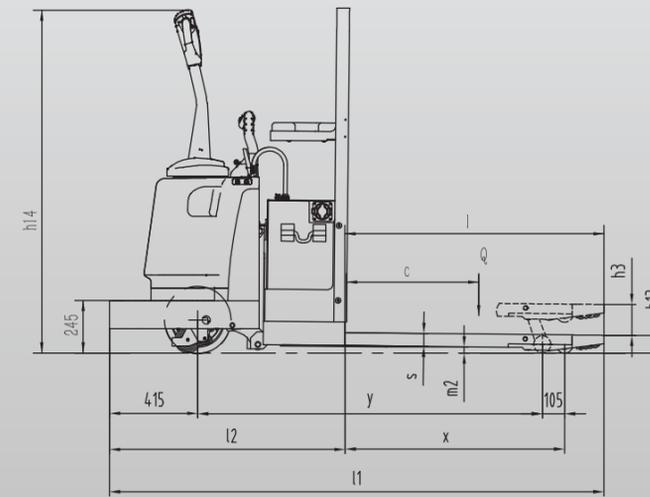
WORK SMARTER

With rapid, restriction-free charging, BYD pallet jacks operate across multiple shifts without the need to change or replace batteries. Built using iron-phosphate technology, each pallet jack includes a state-of-the-art Battery Management System and the longest battery warranty in the industry. With BYD, peace of mind is assured.

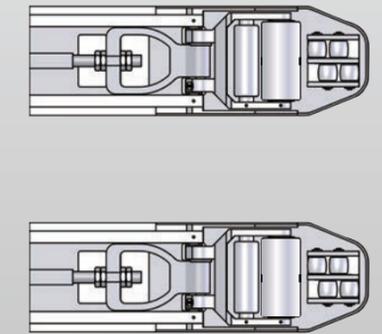
*Runtimes and charging rates vary depending on model, charger and application

PMR27/36 Specifications

				PMR27	PMR36
	Load capacity	Q	lbs	5952	7937
	Load Center	c	in	23.6	48.0
	Operating voltage		v	24 volts	24 volts
	Drive Motors			Single	Single
Dimensions	Lifting Height	h3	in	5.9	5.9
	Operation Handle Height (Min/Max)	h14	in	39.6/62.4	39.6/62.4
	Lowered Height	h13	in	3.3	3.3
	Overall Length	l1	in	92	139.8
	Length to Fork Face	l2	in	43.7	43.7
	Overall Width	b1	in	37.0	37.0
	Fork Dimensions	s/e/l	in	2.5x9.1x48.0	2.4x10.0x96
	Fork Overall Width	b5	in	27.0	28.0
	Ground Clearance, Center of Wheelbase	m2	in	1.0	1.0
Performance	Turning Radius		in	84.4	104.7
	Travel Speed, with/without Load		mph	5.6/8.7	5.6/7.5
	Lifting Speed, with/without Load		in/s	1.5/1.9	1.2/1.8
	Lowering Speed, with/without Load		in/s	1.8/1.7	1.4/1.3
	Gradability, Full Load / Empty Load		%	8/15	6/15
Power System	Drive motor		KW	3.8	3.8
	Lift motor		KW	2.2	2.2
	Battery Volatage / Rated Capacity		V/Ah	24/270	24/270
	Battery weight 270Ah		lb	298	298
	Type of drive control			AC	AC
Weight	Service weight (Battery 270Ah)		lb	1929	1929
	Axle load, fully loaded (front/rear)		lb	2976/4905	2976/4905
	Axle load, unloaded (front/rear)		lb	1444/485	1444/485
Tires	Wheel size, Drive Wheel		Spec	310x120	310x120
	Wheel size, Load Wheel		Spec	82x82	82x82
	Track width (Front), Drive Side	b10	in	26.8	26.8
	Track width (Rear), Load Side	b11	in	17.9	17.9



PMR27-I Load Wheel



PMR27/36 Specifications

		PMR27-I			PMR36-I			
Nominal Fork Length		in (mm)	36.0 (915)	42.0 (1067)	48.0 (1220)	84.0 (2135)	93.0 (2362)	96.0 (2440)
Actual Fork Length	l	in (mm)	35.7 (908)	41.7 (1060)	47.8 (1213)	83.8 (2128)	92.7 (2355)	95.8 (2433)
Overall Length	l1	in (mm)	79.7 (2025)	85.7 (2177)	91.7 (2330)	127.8 (3245)	136.8 (3475)	140.1 (3550)
Wheel Base	y	in (mm)	51.4 (1305)	57.4 (1458)	63.6 (1615)	83.9 (2130)	83.9 (2130)	83.9 (2130)
Front Overhang	x	in (mm)	28.5 (723)	34.4 (875)	40.5 (1028)	61.7 (1567)	61.7 (1567)	61.7 (1567)
Distance from Load Wheel to Fork Tip	l-x	in (mm)	7.3 (185)	7.3 (185)	7.3 (185)	22.0 (560)	31.3 (795)	34.0 (865)
Turning Radius	Wa	in (mm)	72.4 (1840)	78.4 (1992)	84.4 (2145)	104.7 (2660)	104.7 (2660)	104.7 (2660)
Width	e	in (mm)	9.1 (230)			10.0 (255)		