

BALLYPAL-45Li-63

4,500 LB WEIGHT CAPACITY

The high performance BallyPal-45Li-63 Lithium Walkie Pallet Jacks are powerful, quiet, very low maintenance, ultra-smooth, and are perfect for medium and heavy-duty material handling. Their extremely compact design and small turning radius make them ideal for loading docks, warehouses, manufacturing, supermarkets, narrow aisles, and applications within confined spaces like retail stores, business centers, elevators, trailers, and containers.



FEATURES

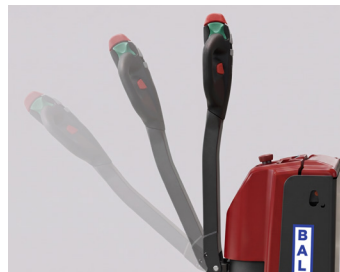
- American Curtis Travel Controller with CAN-bus control
- Powerful AC drive motor
- Lithium battery: 24V/100Ah with battery heating system
- Built-in charger 24V/20A
- Fast charging 5 hours
- Pin-code panel and RFID card access
- Pinwheel turning - drive with tiller in vertical position
- Ergonomic German REMA control handle with horn and emergency belly button, dual butterfly-style thumb controls for traveling
- Electric lifting and lowering buttons
- Travel speed: 3.7mph (unloaded), 3.1mph (loaded)
- Speed reduction in turns
- Traction tire PU
- Gradeability: 12% (unloaded), 20% (loaded)



A wear-resistant and shock-absorbing polyurethane traction wheel ensures superior traction.



Compact design allows for an extremely small turning radius, making it highly-maneuverable in tight environments.



An air spring returns the tiller of the truck to its vertical position smoothly, reducing wear.



A unique fork design allows for easy entrance and exit from pallets.

DIMENSIONS



Identification			
1.2	Model		BALLYPAL-45Li-63
1.3	Drive (electric – battery or mains, diesel, petrol, gas, manual)		Lithium
1.4	Type of operation (hand, pedestrian, standing, seated, order picker)		Pedestrian
1.5	Load capacity / rated load	Q (lb)	4,500
1.6	Load center distance	c (in)	24
1.8	Load distance, center of drive axle to fork	x (in)	38
1.9	Wheel base	y (in)	49.5
Weights			
2.1	Service weight	lb	853
2.2	Axle loading, laden front / rear	lb	2,650 / 2,612
2.3	Axle loading, unladen front / rear	lb	683 / 170
Wheels, Chassis			
3.1	Tires (solid rubber, superelastic, pneumatic, polyurethane)		Polyurethane (PU)
3.2	Tire size, front	Øxw (in)	Ø 9.1 x 2.8
3.3	Tire size, rear	Øxw (in)	Ø 2.9 x 4.33
3.4	Additional wheels (dimensions)	Øxw (in)	Ø 3.9 x 1.6
3.5	Wheels, number front / rear (x = driven wheels)		1x+2/4
3.6	Tread, width, front	b ₃₀ (in)	20.1
3.7	Tread, width, rear	b ₁₁ (in)	14.4 20.2
Basic Dimensions			
4.4	Lift	h ₃ (in)	75
4.9	Height of tiller into the drive position min./max.	h ₁₄ (in)	30.9 / 50.4
4.15	Height, lowered	h ₁₃ (in)	3.1
4.19	Overall length	l ₁ (in)	78.5
4.20	Length to face of forks	l ₂ (in)	17.3
4.21	Overall width	b ₁ (in)	28.7
4.22	Fork dimensions	s/e/l (in)	2.4 / 6.8 / 63
4.25	Width between forks	b ₃ (in)	21.3 27
4.32	Ground clearance, center of wheelbase	m ₃ (in)	1
4.34	Right Angle Stack with 32x48 pallet	Ast (in)	74.23
4.35	Turning radius	Wa (in)	56
Performance Data			
5.1	Travel speed, laden / unladen	mph	3.1 / 3.7
5.2	Lift speed, laden / unladen	in/s	1 / 1.4
5.3	Lowering speed, laden / unladen	in/s	2 / 1.4
5.8	Max. gradeability, laden / unladen	%	12 / 20
5.10	Service brake		Electromagnetic
Motor			
6.1	Drive motor rating S2 60 min	HP	2.3
6.2	Lift motor rating at S3 10%	HP	1.1
6.4	Battery voltage, normal capacity K2	V/Ah	24V/100Ah
6.5	Battery weight	ib	65±1
6.6	Energy consumption acc. to VDI cycle	kWh/h	0.187
Other			
8.1	Type of drive control		AC speed control
8.4	Sound level at driver's ear acc. to EN 12053	dB (A)	<70

