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BALLYPAL-45L-63

4,500 LB WEIGHT CAPACITY

Long before equipment reaches the server floor - and again once it's decommissioned - it moves as pallets and crates through receiving, staging, and storage. The compact BallyPal-45L-63, available with 45" or 63" forks, lets one operator handle those loads in tight back-of-house spaces without a forklift.



SAFETY

Electromagnetic braking brings the truck to a controlled stop the moment the throttle is released. An emergency belly-button stop, speed reduction in turns, and electric lift/lower keep handling precise around people and the equipment on the forks.



UPTIME

An AC drive motor and Curtis controller keep service and downtime predictable, so the truck stays available across busy receiving and staging windows.



SECURITY

A pin-code panel and RFID card access limit use to authorized technicians, with per-use logs. With the optional BallyQ Telematics add-on, fleet managers can control operator access, monitor utilization, and locate equipment across facilities.



SPEED TO DEPLOYMENT

A compact footprint and tight turning move loads through staging and storage aisles too tight for a forklift, and a sealed lithium battery with opportunity charging holds through multi-shift schedules. Stocked and quick to ship, so you can scale capacity without procurement lead times.



PRODUCTIVITY

Electric drive and lift let one operator move heavy pallets that would otherwise take two - freeing the second worker for other tasks. Pinwheel turning and a vertical tiller handle tight aisles.



CUSTOMIZATION

Ballymore has an in-house team capable of designing a fleet of material handling or vertical access equipment around your specific needs - whether adapted from this product or built fully custom. Reach out for more information.

DIMENSIONS



Identification			
1.2	Model		BALLYPAL-45L-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)	62.6
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 / 45
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

