

BALLYPAL45N-27-PRO



Professional Grade Lithium Powered Pallet Jack-
Electric Drive and Electric Lifting and Lowering

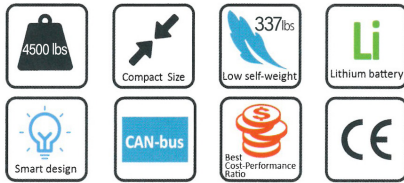
FEATURES

- Compact, maintenance-friendly design for work in tight quarters
- On-board charger
- High robustness with 5mm thick fork steel
- Suitable for use in temperature as low as 5 °F
 - Optional battery heater
- New generation tiller head with improved ergonomics
- Industry-first serviceable compact lithium battery
- Integrated Pin Control for Authorized Usage
- Emergency Reverse and Horn Buttons
- Turtle Speed Button
- Battery Discharge Indicator
- Operating Hour Counter
- On-Board Diagnostics and Error Codes

SPECIFICATIONS

- Capacity= 4500 lbs.
- Weight= 337 lbs.
 - Lift Height = 4.5"
 - Height of Tiller in the Drive Position = 46" max.
 - Height Lowered = 3.2"
- Fork Length= 45"
- Fork Width= 6.3"
- Overall Length= 61"
- Overall Width= 27"
- Travel Speed = 3.0/3.2 mph
- Max Gradeability=8% Laden and 16% Unladen
- Battery Voltage 48V /20Ah Lithium

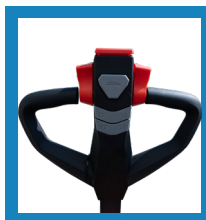
Powered Pallet Truck



LITHIUM
BATTERY POWERED



Built-in Smart Charger



Updated Tiller Controls

- Bigger buttons
- Raise
- Belly Bump
- Lower
- Horn



New Lithium Ion Battery

Specifications

Identification			
1.2	Model		BALLYPAL-45N-27-PRO
1.3	Drive		Battery
1.4	Operation		Pedestrian
1.5	Load Capacity / rated load	Q (lbs)	4409
1.6	Load centre distance	c (in)	23.6
1.8	Load distance	x (in)	37.4
1.9	Wheelbase	y (in)	46.8
Weights			
2.1	Net weight with battery	lbs	337
2.2	Axle loading, laden front/rear	lbs	1378/3369
2.3	Axle loading, unladen front/rear	lbs	119/34
Wheels/frame			
3.1	Tyres		PU
3.2	Tyre size, front	Øxw (in)	Ø8.3×2.8
3.3	Tyre size, rear	Øxw (in)	Ø3.2×2.8(Ø3.2×3.7)
3.4	Additional wheels(dimensions)	Øxw (in)	-/Ø3.2×1.2
3.5	Wheels,number front/rear(x=driven wheels)		1x +2/ 2(1x +2/ 4)
3.6	Tread,width,front	b10 (in)	-/16.9
3.7	Tread,width,rear	b11 (in)	21
Basic dimensions			
4.4	Lift	h3 (in)	4.5
4.9	Height of tiller,min./max.	h14 (in)	28/46
4.15	Height, lowered	h13 (in)	3.2
4.19	Overall length	l1 (in)	61
4.20	Length to face of forks	l2 (in)	15.5
4.21	Overall width	b1 (in)	27
4.22	Fork dimensions	s/e/l (in)	2/6.3/45
4.25	Width across forks	b5 (in)	27
4.32	Ground clearance (centre of wheelbase)	m2 (in)	1.2
4.34	Aisle width for pallets 800×1200 lengthways	Ast (in)	79
4.35	Turning radius	Wa (in)	53
Performance Data			
5.1	Travel speed, laden/ unladen	mph	3/3.2
5.2	Lift speed, laden/ unladen	in/s	0.7/0.9
5.3	Lowering speed, laden/ unladen	in/s	2/1.2
5.8	Max. gradeability, laden/ unladen	%	8/16
5.10	Service brake		Electromagnetic
Electrisc			
6.1	Drive motor,output at S2 60min	Hp	1.34
6.2	Lift motor,output at S3 10%	Hp	1.07
6.3	Battery as per DIN 43531/35/36 A, B, C, no		No
6.4	Battery voltage/nominal capacity	V/Ah	48/20
6.5	Battery weight	lbs	18.7
6.6	Energy consumption acc. to VDI cycle	kWh/h	0.25
Misc			
8.1	Type of drive control		DC-speed Control

Notes: 1) When h13 is 3in, select this single wheel; 2) With 2.9×3.7 single wheel; 3) When h13 is 3in, m2 is 1in.

