




ESPT44RN (with Ride-On Platform)

ESPT44N

SELF-PROPELLED PALLET TRUCK

OPTION: Ride-On Platform (Model: ESPT44RN)

- FEATURES: • AC Drive System • Key Switch, Emergency Switch and Battery Discharge Indicator • Beverage Holder
• Standard Battery Compartment Size • 24 Volt Electrical System

4,400  lbs CAPACITY

Fork Length: 48" • Overall Fork Width: 21.3"/27"
Weight (with battery): 1342 lbs • Lift Hgt: 4.7" • Lowered Hgt: 3.27" • Fork Width: 6.8" • Drive Wheel: 9.1" x 3" • Load Roller: 3.2" x 4.3" • Aisle Width: 93.9"
• Turning Radius: 67.7" • Travel Speed (mph): 3.7 laden/3.7 un-laden • Max Gradient: 6/10% • Battery Voltage: 24V/175Ah

The ESPT44N self-propelled pallet truck is designed for heavy duty lifting and transporting applications. These units feature full electric lifting and self-propelled movement with the option of a "ride-on" operator platform, enabling safe and more efficient load handling, particularly in long-distance warehouse applications.

4,400 lbs CAPACITY

SPECIFICATIONS • PERFORMANCE

ECO ESPT SELF-PROPELLED PALLET TRUCK		WALKIE		RIDE-ON OPTION	
Model		ESPT44N (21" W)	ESPT44N (27" W)	ESPT44RN (21" W)	ESPT44RN (27" W)
Capacity	lbs	4400			
Load Center	in	23.6			
Load Distance (center of drive axle to load wheel)	(x) in	42.6			
Wheelbase	(y) in	60			
Weight (with Battery)	lbs	1342			
Axle Loading (Laden Front / Rear)	lbs	2508 / 3234			
Axle Loading (Unladen Front / Rear)	lbs	1111 / 231			
Drive Wheel (Polyurethane)	in	9.1 dia. x 3			
Load Rollers (Polyurethane)	in	3.2 dia. x 4.3			
Stabilizer Wheels (Polyurethane)	in	3.9 dia. x 1.6			
Tread (Front)	(b10) in	19.7			
Tread (Rear)	(b11) in	14.4 / 20.2			
Lift Height	(h3) in	4.7			
Lowered Fork Height	(h13) in	3.27			
Fork Dimensions	(s/e/l) in	2.4 x 6.8 x 45 (for 21" width models)			
Overall Fork Width (O.D.)	(b5) in	21.3	27	21.3	27
Handle Height (in drive position min / max)	(h14) in	37.2 / 52.7			
Overall Length	(l1) in	72.8			
Overall Width	(b1) in	28.7			
Length (to Face of Forks)	(l2) in	24.8			
Ground Clearance (Center of Wheelbase)	(m2) in	.9			
Turning Radius	(Wa) in	67.7			
Aisle Width (for pallets: 40" x 48")	(Ast) in	93.9			
Travel Speed (Laden / Un-laden)	mph	3.7 / 3.7			
Lifting Speed (Laden / Un-laden)	fpm	5.3 / 6.9			
Lowering Speed (Laden / Un-laden)	fpm	8.3 / 5.3			
Gradeability (Laden / Un-laden)	%	6 / 10			
Drive Motor Rating S2 60 min	HP	2 (AC)			
Lift Motor Rating at S3 4.5%	HP	1			
Battery Voltage / Nominal Capacity K5	V/Ah	24 / 175 (Industrial Battery)			
Battery Weight	lbs	440			
Sound Level (at driver's ear acc. to EN 12053)	dB(A)	69			

*Because of continual product improvements, specifications may be subject to change without notice

