



**INTEGRATED WAREHOUSE
RACKING + FORKLIFT SOLUTIONS**

PALLET JACKS BIG JOE WPT45

LI-ION WALKIE PALLET TRUCK



**WPT45 Lithium-Ion Powered
Walkie Pallet Truck**

This robust, low-cost, lithium-powered, motorised walkie pallet truck is ideal for crowded loading docks, work cells and congested aisles.



PALLET JACKS

BIG JOE WPT45

LI-ION WALKIE PALLET TRUCK

STANDARD EQUIPMENT

- ↳ Maintenance Free Li-Ion Battery
- ↳ Integral 24v battery and 240v Charger
- ↳ 24-volt ZAPI travel console
- ↳ Separately fused power controls: BDI with hour-meter, lift lockout and quick disconnect EPD power cut-off
- ↳ State of the art gear technology
- ↳ Ergonomic gas-assisted spring operator handle
- ↳ Stability casters

OPTIONAL EQUIPMENT

- ↳ Cold conditioning
- ↳ Rubber lug drive tyre
- ↳ Poly traction tyre
- ↳ Fork entry rollers
- ↳ Load back rest - 1220mm
- ↳ 210AH Lithium battery 100A charger
- ↳ 206mm Battery compartment
- ↳ Many fork sizes available for non-standard pallets and skids



HYDRAULICS

Lift cylinder has hard chrome plated rods. Pump unit including motor, solenoid, gear pump, and pressure compensated lowering valve are mounted high in the power compartment for ease of service.

ACCESSIBILITY

Easy removal of the two-piece power head cover exposes key components for inspection and maintenance.

FORK ASSEMBLY

Boxed rail fork construction with pallet entry slide allows easy pallet entry by lifting the fork up and over bottom board. Eight easily accessed grease fittings for ease of maintenance.

PERFORMANCE SPECIFICATIONS

CAPACITY

2000kg

BATTERY

Compartment: 670mm x 231mm x open
Anderson 175 Gray-A-11 Minimum

WEIGHT

304kg Chassis Only

SPEED

Variable speed : 0 to 5.6 km/h empty
Variable speed : 0 to 5.5 km/h loaded

TYRES

Polyurethane:

Drive (1) Φ 230x75

Load (2) Φ 85x70 / Φ 83x115



ERGONOMIC OPERATOR HANDLE



EASY MAINTENANCE LI-ION BATTERY

LOW-COST HEAVY DUTY PERFORMER

With opportunity charging for virtually infinity operating cycle, WPT45 is an ideal solution for:

- Busy loading docks
- Warehousing & Logistics
- Manufacturing & Production Facilities
- On-truck deliveries

STANDARD SMART LI-ION BATTERY.

ISS Equipment is committed to clean electric power. All our Big Joe forklifts come standard with LIST, Lithium Integrated Smart Truck technology for higher performance and clean air for people and products.

TILLER ARM CONTROLS

Travel, lift, and lower functions are located in the ergonomic operator handle. All operator controls are accessible without having to lift the hand from the handle. Angle grips are designed to allow easy operation with either hand. Wrap around guard, reversing switch, thumb control, and horn are standard.

Low mounted tiller arm offers excellent operator comfort and minimum steering effort. Gas assisted spring handle gently returns handle to vertical position. Crawl speed function with steer handle at 5° back-tilt from vertical allows for ease of use in tight areas.

DRIVE UNIT

Vertically mounted drive motor is direct mounted to gear housing. Oil bathed bevel gear drive train with tapered roller bearings transfers power to axle. State of the art optimized gear technology supplies advantages such as minimal envelope circle, zero maintenance, low noise level, high efficiency and high performance.

Electromagnetic brake is mounted on motor armature shaft multiplying the braking power through the transmission. Brake is applied when control arm is in the vertical or horizontal handle position. System features anti-roll back and neutral braking.

ELECTRICAL

24-Volt ZAPI travel controller with matching drive motor provide high performance throughout the entire speed range. Travel speed remains constant relative to throttle position regardless of load-neutral braking. Separately fused power control circuits, quick disconnect EPD power cut off, hour meter and battery discharge indicator combination gauge and lift lockout complete the system. Power configurations and diagnostic features are displayed with a ZAPI handheld console.

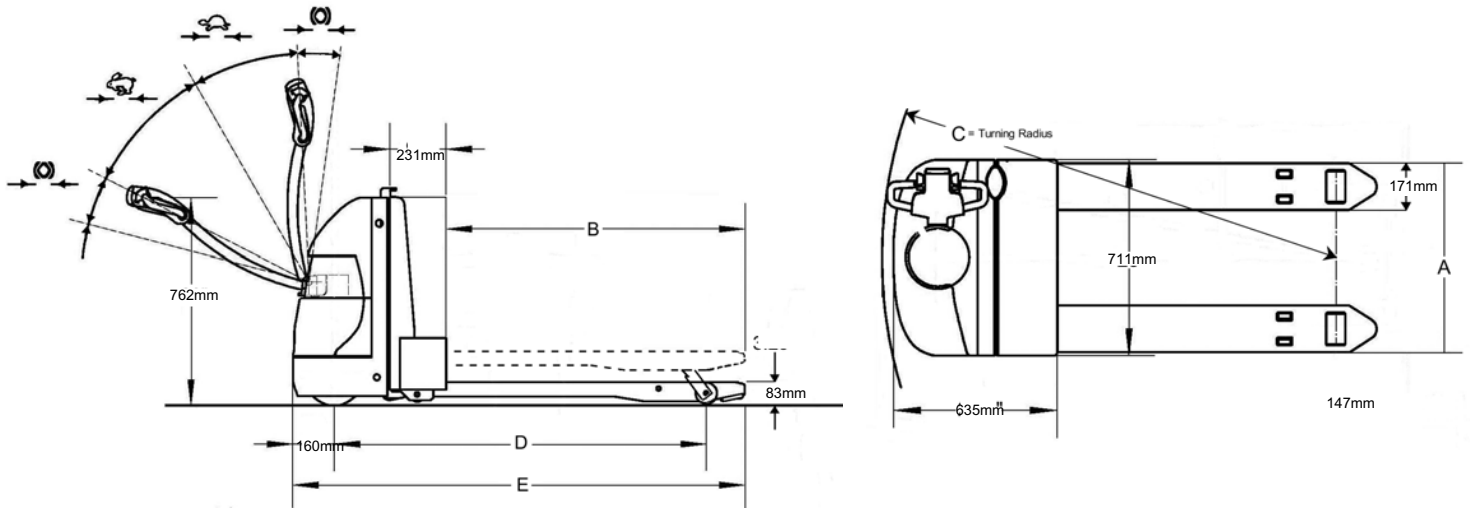


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DIMENSIONS

BIG JOE WPT45 | LI-ION WALKIE PALLET TRUCK



Truck Model	Forks	Actual Fork		Turning Radius	Wheelbase	Overall Length	3 Weight (kg)
		Width	Length				
		A	B	C	D	E	
Fork Dimension: 685mm wide							
WPT 45	685 x 915	685	851	1382	1179	1487	397
WPT 45	685 x 1220	685	1156	1679	1483	1792	401
Fork Dimension: 560 mm Wide							
WPT 45	560 x 915	540	851	1367	1179	1485	397
WPT 45	560 x 1220	540	1156	1666	1483	1790	399

Dimensions listed above are based on 231mm battery compartment. Stability casters standard on 559mm wide models

3 Estimated shipping weight without battery



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Transforming the way smart companies add efficiency to their warehousing and logistics operations.

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