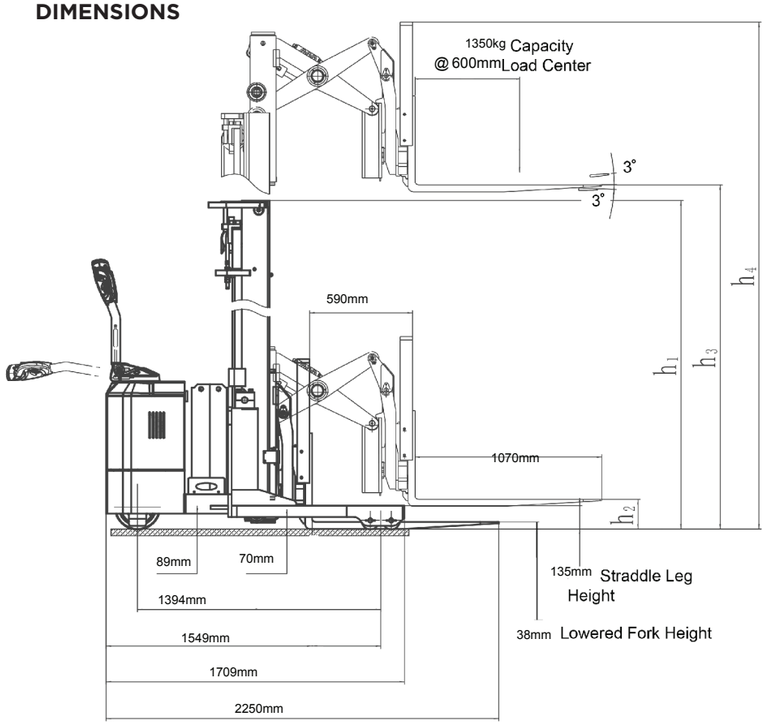
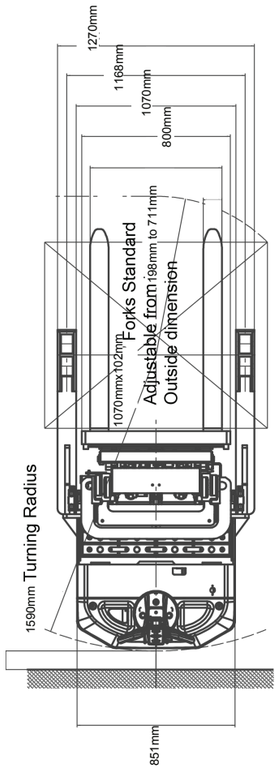
DIMENSIONS





Lift Height	Lowered Mast Height	Free Lift	Extended Mast Height
4000	1960	1000	4955
4300	2060	1140	5260
4500	2130	1170	5455
4800	2230	1270	5760
5000	2295	1335	5960
5500	2460	1500	6460
6000	2625		

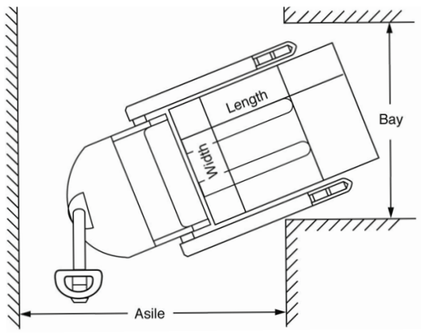
All measurements show in standard “millimeter” units

Overall length increased by up to 76mm when control handle is perpendicular to the direction of travel.

AISLE GUIDE

PDSR30 Right Angle Stack Dimensions with 1067mm ID/1270mmOD straddles

Load size	915mm Length	1016mm Length	1220mm Length
915mm Length	2019mm	2019mm	2019mm
1016mm Length	2057mm	2057mm	2057mm
1220mm Length	2167mm	2167mm	2167mm



For ease of use add 203mm to aisle dimension listed.

For units with 900mm ID/1070mm OD subtract 102mm from all values for PDSR3 0-189 add an additional 76mm to all values.

Aisle dimensions listed above assume the minimum bay width to be straddle OD plus 1 27mm (64mm on each either side of straddle leg). Truck performance may vary due to application requirements’ and changes in model design.

AUTHORISED DEALER

PDSR30

BIG JOE

POWER STEERING WALKIE REACH TRUCK

POWERED BY LITHIUM ION BATTERY

PDSR30

POWER STEERING WALKIE REACH TRUCK

Big Joe Australia Pty Ltd
www.bigjoeforklifts.com.au
sales@bigjoeforklifts.com
1800 BIG JOE (1800 244 563)

POWERED BY 210AH LITHIUM ION BATTERY

WEIGHT
1674-1905kg
Chassis Only

CAPACITY
1350kg
at 600mm load center

HEIGHT RANGE
4000mm-6000mm

STANDARD EQUIPMENT

+ Electric Power Steering
+ Pantograph with Sideshift and Tilt
+ Proportional Lift, Lower & Extend
+ Regenerative Braking
+ Low Battery Interrupt
+ Hour Meter BDI Combo Gauge
+ Key Switch
+ ClearView Polycarbonate Mast Guard
+ 210AH Lithium battery & charger

OPTIONAL EQUIPMENT

+ Traction Drive Tire - Poly
+ Straddle ID/OD of 900/1070 or 1070/1270
+ Load Back Rest
+ Strobe Light Frame Alarm
+ Cold Storage

TYRES/WHEELS

Drive (1)
ϕ260×105 polyurethane
Dual Load (2)
ϕ102× 73 polyurethane

SPEED

ZAPI travel controller

Lift
Upto 0.13m/sempty.
Upto 0.1m/sloaded—1350kg

Lowering
Upto 0.17m/s empty.
Upto 0.26m/s loaded—1350kg

HYDRAULICS

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

BEARINGS

Drive Wheels: Tapered roller bearings sealed in oil bath
Load Wheels: Sealed ball bearings.

BATTERY COMPARTMENTS

803mmx230mm
Open

803mmx333mm
Open (PDSR30-189)

ELECTRICAL

24-Volt ZAPI Combi AC inverter, travelcon-trol with matching drive motor provide high performance throughout the entirespeed range. Travel speed remains constant relative to throttle position regardless of load. Separately fused power control circuits, quick disconnect EPD power cut off, and hour meter /battery discharge indicator combination gauge complete the system. Power configurations and diagnostic features are displayed with a ZAPI hand held console.

BRAKES

Electromagnetic brake is mounted onthe motor armature shaft mul-tiplying the braking power through the transmission.

Brake is applied when the control arm is in the vertical or horizontal handle position. Travel speed is reduced when forks are above 305mm forkheight. Neutral braking re-sists roll back on ramps.

ACCESSIBLITY

Removal of two piece power head cover exposes major components for inspection and maintenance.

CONTROLS

Travel, lift, and lower functions are located in the ergonomic operator handle. All oper-ator 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. Top mounted tiller arm offers excellent operator comfort and minimum steering effort. Gas assisted spring gently returns handle to vertical position.

MAST & PANTOGRAPH

I-beam mast with dual lifting chains.Pantograph stroke extends the fork carriage beyond the units straddle legs, with integral tilt and sideshift.

STRADDLE LEGS AND FORKS

Fixed straddle leg inside dimensions (ID) available at 900mmor 1070mm resulting in a 1070mmor 1270mm outside dimension (OD) Class two ITA fork carriage with 915mm tall load back rest. 1070mmForks are adjustable.

TRAVEL SPEED

Variable from
0 to 5.5km/h empty
Variable from
0 to 5km/h loaded