

SMOOTH OPERATION EVEN IN CONFINED SPACES.

PW23C

4,500 LB CAPACITY

OPTIMIZED LITHIUM-ION ELECTRIC WALKIE

1. Efficient

Integrated Technology

Designed with an optimized integrated Li-ion battery, these trucks offer longer service life and zero maintenance when compared to lead-acid batteries.

Availability

With a built-in charger, these trucks combine extremely short charging times with the flexibility of plugging in at any 110 V type B. Battery exchange and maintenance is a thing of the past.

2. Ergonomic

Dual Controls

With controls mounted on both sides of the handle, operating the walkie is comfortable from either side of the truck and while working in confined areas.

Intuitive Design

Clear color coding and buttons with wear-resistance icons ensure intuitive operation. The rocker switch allows for consistent operation in all tiller positions.

3. Compact

Length

By reducing the size of the battery compartment, these trucks boast as extremely short front end length of just 16.7 in (425 mm).

Weight

The overall weight of the PW23C including the integrated battery is only 906 lbs. (411 kg).

4. Stability

ProTracLink

ProTracLink ensures greater stability through improved coupling of the support wheels.

Ramps

These walkie pallet trucks include level compensation for minimized wear when driving on and off ramps.



CHARACTERISTICS				PW23C		PW23C	
1				extra compact		compact	
2	Drive			electric		electric	
3	Type of operation			walkie		walkie	
4	Load capacity / rated load	Q	lbs kg	4,500	2,000	4,500	2,000
5	Load center distance	c	in mm	24.0	610	24.0	610
6	Load distance center (load axle to fork face)	x	in mm	37.3 ¹⁾	947 ¹⁾	37.3 ¹⁾	947 ¹⁾
7	Wheelbase	y	in mm	48.4 ¹⁾	1,230 ¹⁾	50.4 ¹⁾	1,280 ¹⁾
WEIGHTS							
8	Service weight		lbs kg	882 / 906 ²⁾	400 / 411 ²⁾	933 / 952 ³⁾	423 / 432 ³⁾
9	Axle loading — loaded, drive / load		lbs kg	2,030 / 3,276	921 / 1,486	2,044 / 3,298	927 / 1,496
10	Axle loading — unloaded, drive / load		lbs kg	648 / 234	294 / 106	686 / 247	311 / 112
WHEELS, CHASSIS							
11	Tires			Polyurethane (PU)		Polyurethane (PU)	
12	Tire size, drive		mm	Ø 230 x 70		Ø 230 x 70	
13	Tire size, load		mm	Ø 85 x 110 ⁴⁾		Ø 85 x 110 ⁴⁾	
14	Wheels — number, drive / load (x = driven wheels)			1x+2		1x+2	
15	Tread, front	b ₁₀	in mm	20.1	510	20.1	510
16	Tread, rear	b ₁₁	in mm	14.3	363	14.3	363
DIMENSIONS							
17	Maximum fork height (MFH)	h ₃	in mm	4.8	122	4.8	122
18	Handle height in drive position, minimum / maximum	h ₁₄	in mm	27.2 / 55.9	691 / 1,235	48.6 / 55.9	691 / 1,235
19	Lowered fork height	h ₁₃	in mm	3.3 ⁵⁾	85 ⁵⁾	3.3 ⁵⁾	85 ⁵⁾
20	Overall length	l ₁	in mm	62.0	1,575	62.0	1,575
21	Length to fork face, headlength	l ₂	in mm	16.7	425	18.7	475
22	Overall width	b ₁	in mm	28.3	720	28.3	720
23	Fork dimensions, thick / width / length	s / e / l	in mm	2.2/6.8/33.5-57.1	55/172/850-1,450	2.2/6.8/33.5-57.1	55/172/850-1,450
24	Overall width across forks	b ₅	in mm	21.1 / 26.4	535 / 670	21.1 / 26.4	535 / 670
25	Ground clearance, center of wheelbase	m ₂	in mm	1.2	30	1.2	30
26	Aisle width (for pallets 40" x 48" crossways)	Ast	in mm	70.4 ⁶⁾	1,787 ⁶⁾	70.4 ⁶⁾	1,787 ⁶⁾
27	Aisle width (for pallets 40" x 48" crossways)	Ast	in mm	74.3 ⁶⁾	1,886 ⁶⁾	76.2 ⁶⁾	1,936 ⁶⁾
28	Turning radius	W _a	in mm	55.7 ¹⁾	1,414 ¹⁾	57.6 ¹⁾	1,464 ¹⁾
PERFORMANCE							
29	Travel speed, loaded / unloaded		mph kph	3.5 / 3.5	5.6 / 5.6	3.5 / 3.5	5.6 / 5.6
30	Lift speed, loaded / unloaded		ft / s m / s	9.8 / 11.8	0.05 / 0.06	9.8 / 11.8	0.05 / 0.06
31	Lowering speed, loaded / unloaded		ft / s m / s	11.8 / 9.8	0.06 / 0.05	11.8 / 9.8	0.06 / 0.05
32	Maximum gradeability, loaded / unloaded		%	8 / 20		8 / 20	
33	Service brake			electric		electric	
MOTORS							
34	Drive motor (rating S ₂ 60 minutes)	HP kW		1.5	1.1	1.5	1.1
35	Lift motor rating at S ₃	HP kW		1.6 ⁷⁾	1.2 ⁷⁾	1.6 ⁷⁾	1.2 ⁷⁾
36	Battery voltage / nominal	V Ah		25.6	50 / 100	25.6	50 / 100
37	Integrated battery weight	lbs kg		99 / 123 ²⁾	45 / 56 ²⁾	150 / 170 ²⁾	58 / 77 ²⁾
38	Energy consumption according to DIN EN 16796		kWh/h	0.35		0.35	
39	CO ₂ equivalent as per EN 16796		kg/h	0.2		0.2	
40	Turnover output according to VDI 2198		US t/h t/h	142	129	142	129
1) 1) Load section lowered: +2.6 in. (67 mm) 2) Includes battery: 50Ah / 100Ah 3) Includes battery: 150Ah / 200Ah 4) For single load wheel, greasable: Ø 82 x 110 5) For single load wheel, greasable: 3.3 in. (83 mm) 6) Includes safety clearance 7.9 in. (200 mm) 7) Lifting motor, power at 4.5 % duty cycle							

SAFETY STANDARDS

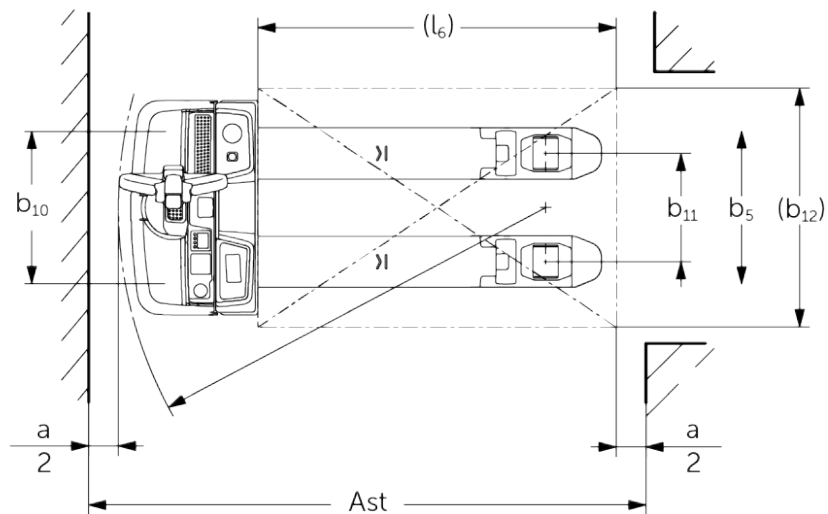
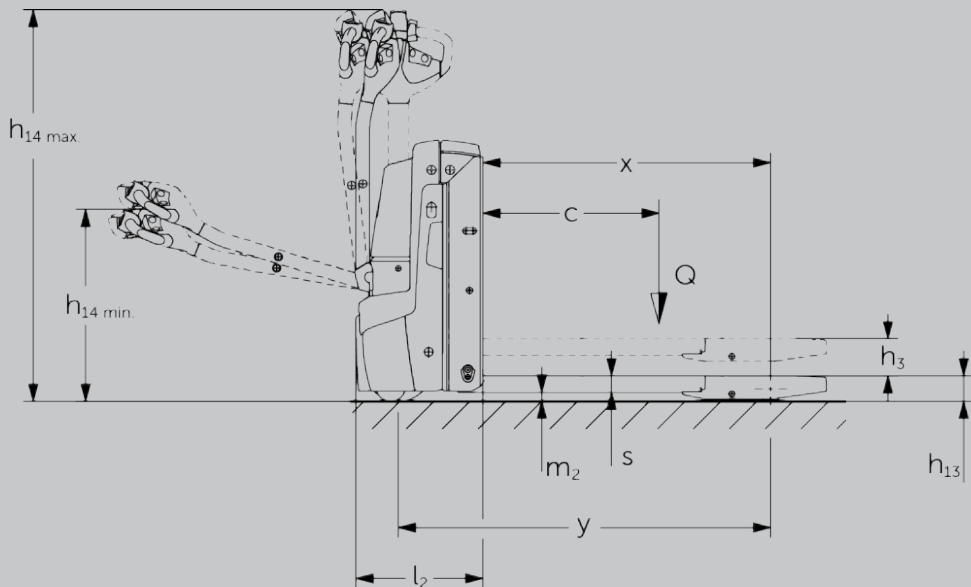
These trucks meet American National Standards Institute/Industrial Truck Standards Development Foundation, ANSI/ITSDF B56.1. UL-Classified by Underwriters Laboratories, Inc., as to fire and electric shock hazard only; Type E, Industrial Trucks. Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, operation and maintenance of powered industrial trucks, including:

- ANSI/ITSDF B56.1.
- NFPA 505, fire safety standard for powered industrial trucks -type designations, areas of use, maintenance and operation.
- Occupational Safety and Health Administration (OSHA) regulations that may apply.

Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

Call-out numbers shown in the diagram below correspond to the first column of the specifications chart.

PW23C



Note: Equipping this model (these models) with a power source (e.g. Lithium-ion, Hydrogen Fuel cell, etc.) that has not been previously approved by the factory is considered a modification. Per OSHA 1910.178 and ANSI/ITSDF B56.1, please consult with your factory representative prior to installing any non-OEM power source that has not been previously approved.

PW23C

4,500 LB CAPACITY INTEGRATED LITHIUM-ION ELECTRIC WALKIE

Versatility

1. Maneuverability

Innovative technologies combined with compact maneuverability and a low overall weight make these the lowest maintenance models with consistently high performance, even in confined spaces.

2. Cold Store

Cold-store use down to -18.4°F (-28°C) also with lithium-ion technology.

3. Protection

Reliable protection against dust and moisture through encapsulation of the control unit and plugs in accordance with IP 54.

4. The Whole Package

With our lithium-ion pallet trucks, you not only benefit from impressive performance and maintenance-free operation, but also from increased safety in the warehouse.



Manufactured with superior quality and exceptional value, Mitsubishi forklift trucks are supported by an extensive dealer and field support network located throughout North and South America. Don't forget to ask your local Mitsubishi forklift truck dealer about details on factory retail programs, financing plans and additional options and dealer services like planned maintenance and operator training.