



PBP18EA / PBP20EA / PBP25EA

Electric Pallet Truck 1.8 / 2.0 / 2.5t

PBP18EA / PBP208EA / PBP25EA

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Distinguishing mark				PBP18EA	PBP20EA	PBP25EA
1.1	Model designation			PBP18EA	PBP20EA	PBP25EA
1.2	Drive unit			Electric	Electric	Electric
1.3	Type of operation			pedestrian	pedestrian	pedestrian
1.4	Rated capacity	Q	kg	1800	2000	2500
1.5	Load center distance	c	mm	600	600	600
1.6	Load distance	x	mm	940	916 / 982	937 / 1003
1.7	Wheelbase	y	mm	1368	1418	1488
Weight						
2.1	Service weight (include battery)		kg	445	535	565
2.2	Axle loading, laden driving side/loading side		kg	745 / 1500	955 / 1580	1070 / 1995
2.3	Axle loading, unladen driving side/loading side		kg	345 / 100	430 / 105	445 / 120
Types,Chassis						
3.1	Tyre type driving wheels/loading wheels				polyurethane/ polyurethane	
3.2	Tyre size, driving wheels (diameter*width)		mm	Φ230x75	Φ230x75	Φ230x75
3.3	Tyre size, loading wheels (diameter*width)		mm	Φ80x60	Φ85x70 / Φ83x115	Φ85x70 / Φ83x115
3.4	Tyre size, caster wheels (diameter*width)		mm	Φ85x48	Φ85x48	Φ85x48
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1 x + 2 / 4	1 x + 2 / 4 / 1x + 2 / 2	1 x + 2 / 4 / 1x + 2 / 2
3.6	Track width, front,driving side	b ₁₀	mm	498	498	498
3.7	Track width,rear,loading side	b ₁₁	mm	390 / 450 / 535	370 / 430 / 515	370 / 430 / 515
Dimensions						
4.4	Lift height	h ₃	mm	120	120	120
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	715 / 1200	715 / 1200	715 / 1200
4.15	Lowered height	h ₁₃	mm	85	85	85
4.19	Overall length	l ₁	mm	1735	1748	1818
4.20	Length to face of forks	l ₂	mm	585	598	598
4.21	Overall width	b ₁	mm	710	710	710
4.22	Fork dimensions	s/ e/ l	mm	50 x 150 x 1150	55 x 170 x 1150	55x170x1220
4.25	Distance between fork-arms	b ₅	mm	540 / 600 / 685	540 / 600 / 685	540 / 600 / 685
4.32	Ground clearance, center of wheelbase	m ₂	mm	35	30	30
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	1820	1815	1815
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2020	2015	2015
4.35	Turning radius	Wa	mm	1560	1595	1595
Performance data						
5.1	Travel speed, laden/ unladen	km/ h	km/h	5.5 / 6.0	5 / 5.5	5 / 5.5
5.2	Lifting speed, laden/ unladen		m/ s	0.051 / 0.060	0.051 / 0.060	0.051 / 0.060
5.3	Lowering speed, laden/ unladen		m/ s	0.032 / 0.039	0.032 / 0.039	0.032 / 0.039
5.8	Max. gradeability, laden/unladen			6 / 16	8 / 16	6 / 16
5.10	Service brake type			Electromagnetic	Electromagnetic	Electromagnetic
Electric-engine						
6.1	Drive motor rating S2 60 min		kW	1.1	1.1	1.1
6.2	Lift motor rating at S3 15%		kW	0.84	0.84	0.84
6.3	The maximum allowed size battery		mm	670 x 180 x 570	680 x 205 x 600	680 x 205 x 600
6.4	Battery voltage/nominal capacity K5		V/Ah	24 / 110	24 / 210	24 / 240
6.5	Battery weight		kg	120	190	220
Addition data						
8.1	Type of drive control			AC	AC	AC
10.5	Steering type			Mechanical	Mechanical	Mechanical
10.7	Sound pressure level at the driver's ear			74	74	74

Note: For detailed customization, features and benefits of the truck, please contact your local dealership for more information.

EXCEED your limits to BOOST efficiency & OPTIMIZE results

Introducing the **BRAZOS** highest turnaround performance truck model, the **heavy duty PBP-EA series** offers great variants to adapt quickly to conform and handle variant applications. This series is an ideal pallet mover that transfer loads from point to point with an **extended working duration** and **eliminates space constraints** challenges thanks to its exquisite **short turning radius**, and **180 degree per way steering capability**.

With the addition of the **auto power shutdown feature**, it helps to prevent excessive power draining when the truck is left idle for a limited time. Experience the latest heavy duty series that **lasts to perform, and always perform to delight** end users.



Improved Reliability & Maintenance

- **Hassle free access** to the internal key components for quick inspection, maintenance, and replacement works
- **Adjustable forks linkages** to ensure smooth lifting of the forks
- **Plug in diagnostics** shortens the time required for troubleshooting
- **IP54 ZAPI AC controller** offers better protection against water ingress
- **LED display with battery discharge indicator** (*Indicates operating hours, battery level and error code)
- **AMP connectors and durable electrical harnesses** enhances truck reliability



Reliable AC Performance

- **Maintenance free AC electric traction motors** delivers powerful load handling performance
- **Multifunctional control handle** allows precise load handling while multitasking both lifting/lowering of the forks while travelling
- **Crawl speed mode** automatically reduce the truck travel speed when the tiller arm is tilted at near neutral position

Quick Battery Change

- **Battery drop down design** facilitates changing of battery more proficiently and also with easy access to the battery water refilling point

KEY productivity Options:

- Long fork length: Only available up to 2400mm (*For PBP20EA/PBP25EA only)
- Wheels: Non-marking tire / Pattern drive tire / Single or Dual load wheels
- Cold room package: To work in -20 Degree Celsius cold room condition
- High capacity battery: 280Ah/360Ah
- Vertical working handler
- 78mm low profile forks
- Battery side loading transfer

Operator Safety

- **Reverse belly button** changes the travelling direction immediately upon contact helps to protect the operator from any imminent impact
- **Full electromagnetic brakes** provides enhanced braking effect with anti-rollback function even when travelling and stopping on steep ramps
- **Automatic limit performance** when the remaining power hits critical 20% or below battery charge
- **Low bottom frame design** helps to keep operator foot out of the undercarriage and avoid injury
- **Standard Pin-Code entry** with second level password setting limits unauthorized usage of truck



