

NOBLELIFT

Material Handling

We promise, We deliver

PTE20-C Electric pallet truck

PTE20-C is a walkie and station type combined full-electric pallet truck with a rated capacity of 2000kg. Low energy consumption and long service time make it suitable for material transportation in the medium or long distance such as loading and unloading of goods in factories, warehouses, docks, etc.



PTE20-C

Electric pallet truck

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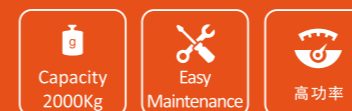
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NOBLELIFT INTELLIGENT EQUIPMENT CO., LTD

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One-time forming steel battery cover and concave-convex design increase the strength of the cover, minimize maintenance and battery damage, and can be used as a storage tray. Equipped with a built-in handle makes operation more safe and convenient. Equipped with 160AH lead-acid battery, the working hours can last more than 7 hours.



Adopt integrated ZAPI control technology simplifies the circuit and enhance the reliability of the whole truck.



Adopt 1.3KW AC horizontal drive and equipped with 250x80 drive wheel ensure stronger carrying capacity; high power and accelerated stability, low maintenance cost as no need to replace the carbon brush; good ramp starting performance. Both sides are equipped with spring regulating structure stability castors ensure better wear resistance and stability.



Additional entry rollers ensure easy pallet entry and prevent possible damages.



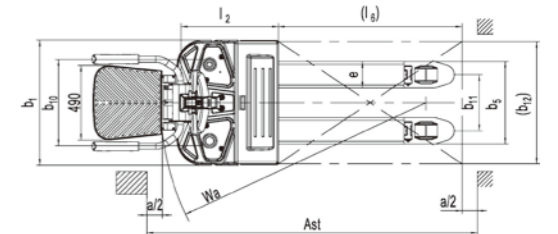
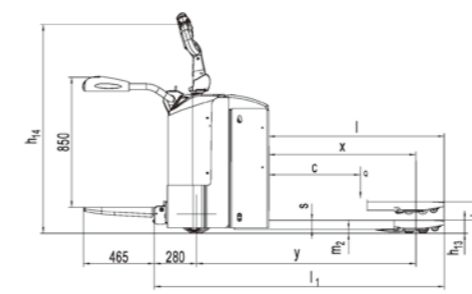
Innovative appearance with the upper cover's groove design makes it easy to storage.



Convenient disassembly structure, robust chassis with strong 8mm thick apron can effectively protect the body and internal parts from external mechanical impact.



The foldable pedal has a good shock absorption effect which makes the operator easier to operate and less prone to fatigue.



Type sheet for industrial truck acc. to VDI2198

Distinguishing mark			
1.2	Manufacturer's type designation		PTE20-C
1.3	Drive		Battery
1.4	Operator type		Pedestrian/Stand
1.5	Load capacity/Rated load	Q (t)	2.0
1.6	Load centre distance	c (mm)	600
1.8	Load distance, centre of drive axle to fork	x (mm)	892
1.9	Wheelbase	y (mm)	1375
Weight			
2.1	Service weight	kg	650
2.2	Axle loading, laden front/rear	kg	1010 / 1640
2.3	Axle loading, unladen front/rear	kg	520 / 130
Tires, chassis			
3.1	Tires		Polyurethane(PU)
3.2	Tire size, front	Øxw (mm)	Ø 250×80
3.3	Tire size, rear	Øxw (mm)	Ø 82×110/84×84
3.4	Additional wheels(dimensions)	Øxw (mm)	Ø 100×40
3.5	Wheels, number front/rear(x=driven wheels)		1x+2/4
3.6	Tread, front	b ₁₀ (mm)	560
3.7	Tread, rear	b ₁₁ (mm)	367/512
Dimensions			
4.4	Lift	h ₃ (mm)	120
4.9	Height of tiller in drive position min./max.	h ₁₄ (mm)	900 / 1395
4.15	Height, lowered	h ₁₃ (mm)	85
4.19	Overall length	l ₁ (mm)	1900
4.20	Length to face of forks	l ₂ (mm)	750
4.21	Overall width	b ₁ (mm)	820
4.22	Fork dimensions	s/e/l (mm)	60 / 173 / 1150
4.25	Width across forks	b ₂ (mm)	540/685
4.32	Ground clearance, centre of wheelbase	m ₂ (mm)	25
4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2110
4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2160
4.35	Turning radius	Wa (mm)	1740
Performance data			
5.1	Travel speed, laden/unladen	km/h	5.5 / 6.0
5.2	Lift speed, laden/unladen	m/s	0.025 / 0.030
5.3	Lowering speed, laden/unladen	m/s	0.030 / 0.025
5.8	Max. gradeability, laden/unladen	%	8 / 15
5.10	Service brake		Eletromagnetic
Electric engine			
6.1	Drive motor rating S2 60min	kW	1.3
6.2	Lift motor rating at S3 10%	kW	0.8
6.3	Battery acc. to DIN 43531/35/36A,B,C,norm		/
6.4	Battery voltage, nominal capacity K5	V / Ah	24 / 160
6.5	Battery Weight(+/-5%)	kg	155
6.6	Energy consumption acc. to VDI cycle	kWh/h	0.32
Additional data			
8.1	Type of drive control		AC speed Control
8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69

1) The bearing wheel is in the lowest position: +65mm