

Ride-on Speed Electric Pallet Truck

ALPT20/25/30PLUS is developed under the request of the logistic industry, with its strong and robust chassis, the truck and operator is well protected for mechanical impacts. With its high speed of 7.5/9.0km/h(laden/unladen), and the fixed ride-on platform which can be entered from both sides, the truck delivers the best performance and efficiency requested by the large logistic centers.





DESIGN FOR LOGISTICS CONVENIENT AND EFFICIENT

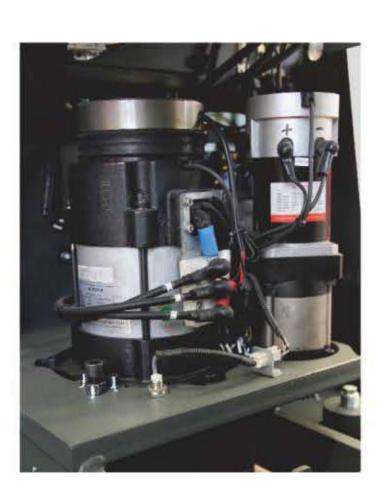
- Ergonomic Design with Rido-on Platform • High Performance Maintenance-free AC Drive Unit
- Core Components from Top Quality Brands
- High Speed for High Efficiency and Performance











AC Drive Unit

Maintenance-free AC drive unit for high performance, efficiency and stability and at the same time reducing running cost.

EPS-Electric Steering System

The EPS supports the operator during the whole day and makes operations more effortless.



CAN-BUS



Safety Configuration

Emergency Switch, Reverse Switch on the handle, horizontal position stop and more Safety configuration ensure the safety of the operation.

Adjustable Backrest

Equipped with adjustable backrest makes the operator more comfortable by reducing the operation fatigues.

Sideway Battery Replacement

Sideway battery replacement and light battery weight allows easy and fast replacement battery, ideal for multi-shift operations. Battery do not lift, so the efficiency increased a lot.



High Efficiency

With its highest speed of 9km/h(unladen), the truck delivers the high efficiency, ideal for applications for large logistic centers.

Auto-slow down for steering

When the truck is steering, the speed will slow down automatically so that there is no risk of slip or rollover, so that the safety is guaranteed.

-

Robust and Reliable Design

The robust chassis with the strong 8mm thick apron protects the truck and the components against mechanical impacts from the outside. The steel battery cover ensures the battery well protected.



Foldable platform Foldable platform for higher flexibility in narrow spaces.

| Type sheet for | indus | strial truck acc. to VDI 2198 | 1110=2. | PLB 1INCB=25.4MM | |
|---------------------|---|---|--|--|---|
| Distinguishing mark | 1.2 1.3 1.4 1.5 1.6 1.8 | Manufacturer's type designation Power(battery,diesel,petrol gas,manual) Operator type Load Capacity / rated load Load centre distance Load distance, centre of drive axle to fork Wheelbase | Q (t) c (mm) x(mm) y(mm) | ALPT20(25)PLUS Fixed Foldable Battery Stand Pedestrian/Stand 2.0(2.5) 600 911 1475 | ALPT30PLUS Battery Stand 3.0 600 911 1475 |
| Welght | 2.1 2.2 2.3 | Service weight (incl. battery) Axle loading, laden front/rear Axle loading, unladen front/ rear | kg kg kg | 840(880) 820(860) 1100/1740(1240/2140) 1100/1720 (1240/2120) 680/160(715/165) 660/160 (895/165) | 930 1380/2550 760/170 |
| Tyres, chassis | 3.1 3.2 3.3 3.4 3.5 3.6 | Tires Tire size, front Tire size, rear Additional wheels (dimensions) Wheels, number front/ rear(x=driven wheels) Tread, front | Øxw Øxw Øxw b10 (mm) | Polyurethane (PU) Ø250X80 Ø84X84 Ø124X60 1×+2/4 510 | Polyurethane (PU) Ø250X80 Ø82X82 Ø124X60 1×+2/4 510 |
| Dimensions | 3.7 4.4 4.9 4.15 4.19 4.20 4.21 4.22 4.25 4.32 4.33 4.34 4.35 | Lift height Height of tiller in drive position min. / max. Height, lowered Overall length Length to face of forks Overall width Fork dimensions Distance between fork-arms Ground clearance, centre of wheelbase Aisle width for pallets 1000 x 1200 crossways Aisle width for pallets 800X1200 lengthways Turning radius | b11 (mm) h3 (mm) h14 (mm) h13 (mm) l1 (mm) l2 (mm) b1 (mm) s/e/l b5 (mm) m2 (mm) Ast(mm) Va (mm) | 120 1100/1400 85 2592 2150 1442 1000 790 60/173/1150 560/685 25 3165 2725 3050 2610 2355 1825 | 387/512 120 1100/1400 85 2592 1442 790 60/173/1150 560/685 25 3165 3050 2355/1625 |
| Performance data | 5.1 5.2 5.3 5.8 5.10 | Travel speed, laden/ unladen Lift speed, laden/ unladen Lowering speed, laden / unladen Gradeability, laden/ unladen Service brake | km/h m/s m/s % | 7/9(6/7) / 9/12(8/11) 0.040/0.055 0.045/0.025 6/12 Electromagnetic | 7/8 0.040/0.055 0.045/0.025 6/12 Electromagnetic |
| Electric- Motor | 6.1 6.2 6.3 6.4 6.5 6.6 | Drive motor rating Lift motor rating Battery acc. to DIN 43531 /35 / 36 A, B, C, no Battery voltage, nominal capacity Battery weight Energy consumption acc. to VDI cycle | kW kW V/Ah kg KWh/h | 1.6/2.9 2.2 3Pz\$ 210(270) 195(235) 0.4 | 2.6 2.2 3PzS 270 245 0.65 |
| Additional data | 8.1 8.4 | Type of drive control Sound level at driver's ear acc. to EN 12053 | dB(A) | AC-speed control 69 | AC-speed control |

