



# ALPT20/25/30PLUS

## 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 Ride-on Platform
- High Performance Maintenance-free AC Drive Unit
- Core Components from Top Quality Brands
- High Speed for High Efficiency and Performance

### ADVANTAGE:

- High Efficiency
- Auto-slow down for steering
- AC Drive Unit
- EPS-Electric Steering System
- Sideway Battery Replacement
- Safety Configuration
- Adjustable Backrest
- Robust and Reliable Design

### Foldable Platform





## Fixed Platform



### 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.



### Adjustable Backrest

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



## CAN-BUS

### Safety Configuration

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

### 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 industrial truck acc. to VDI 2198 1100=2.2t 1110=2.5t					
Distinguishing mark	1.2	Manufacturer's type designation		ALPT20(25)PLUS Fixed	ALPT20(25)PLUS Foldable
	1.3	Power(battery,diesel,petrol gas>manual)		Battery	
	1.4	Operator type		Stand Pedestrian/ Stand	
	1.5	Load Capacity / rated load	Q (t)	2.0(2.5)	
	1.6	Load centre distance	c (mm)	600	
	1.8	Load distance, centre of drive axle to fork	x(mm)	911	
	1.9	Wheelbase	y(mm)	1475	
Weight	2.1	Service weight (Incl. battery)	kg	840(880)	
	2.2	Axle loading, laden front/rear	kg	1100/1740(1240/2140)	
	2.3	Axle loading, unladen front/ rear	kg	680/160(715/165)	
Tyres, chassis	3.1	Tires		Polyurethane (PU)	
	3.2	Tire size, front	ø x w	ø250X80	
	3.3	Tire size, rear	ø x w	ø84X84	
	3.4	Additional wheels (dimensions)	ø x w	ø124X60	
	3.5	Wheels, number front/ rear(x=driven wheels)		1x+2/4	
	3.6	Tread, front	b10 (mm)	510	
	3.7	Tread, rear	b11 (mm)	387/512	
Dimensions	4.4	Lift height	h3 (mm)	120	
	4.9	Height of tiller in drive position min. / max.	h14 (mm)	1100/1400	
	4.15	Height, lowered	h13 (mm)	85	
	4.19	Overall length	l1 (mm)	2592	
	4.20	Length to face of forks	l2 (mm)	1442	
	4.21	Overall width	b1 (mm)	790	
	4.22	Fork dimensions	s/ø/l	60/173/1150	
	4.25	Distance between fork-arms	b5 (mm)	560/685	
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	25	
	4.33	Aisle width for pallets 1000 x 1200 crossways	Ast(mm)	3165	
	4.34	Aisle width for pallets 800X1200 lengthways	Ast(mm)	3050	
Performance data	5.1	Travel speed, laden/ unladen	km/h	7/9(8/7) / 9/12(8/11)	
	5.2	Lift speed, laden/ unladen	m/s	0.040/0.055	
	5.3	Lowering speed, laden / unladen	m/s	0.045/0.025	
	5.8	Gradeability, laden/ unladen	%	6/12	
	5.10	Service brake		Electromagnetic	
Electric- Motor	6.1	Drive motor rating	kW	1.6/2.9	
	6.2	Lift motor rating	kW	2.2	
	6.3	Battery acc. to DIN 43531 /35 / 36 A, B, C, no		3PzS	
	6.4	Battery voltage, nominal capacity	V/Ah	210(270)	
	6.5	Battery weight	kg	195(235)	
	6.6	Energy consumption acc. to VDI cycle	KWh/h	0.4	
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	

