



1500 Watt Drive Motor provides ample load carrying capacity. Even when fully loaded, the gradient ability still reaches 9%. And special brake system is installed. When Steering Arm is vertical or horizontal, the microsensor is off and the spring electromagnetic pressure works to brake the truck.

### Optional items:

Foldable side protection guards, Longer steering handle, Forged type forks, Stopper for ride-on platform, Removable back rest, -35°C cold Storage type, Adjustable straddle lift, Cable control lifting, Non-marking white rubber drive wheel, Vulcollan drive wheel,..etc..

Electric mosfet stepless controller is fitted with sepex drive motor of 1.5kw/24v.

### ★ PPS-10/15/18/20 Specifications ★

Item		PPS-10	PPS-15	PPS-18	PPS-20
<b>★ Lifting</b>					
Rated capacity		1000 kg	1500 kg	1800 kg	2000 kg
Load center		600 mm	600 mm	600 mm	600 mm
Max.lifting speed	empty	200 mm/s	156 mm/s	156 mm/s	150 mm/s
	loaded	110 mm/s	100 mm/s	90 mm/s	100 mm/s
Max.lowering speed	empty	340 mm/s	310 mm/s	310 mm/s	300 mm/s
	loaded	570 mm/s	600 mm/s	610 mm/s	570 mm/s
<b>★ Driving</b>					
Travel speed	empty	6.0 km/h	7.0 km/h	7.0 km/h	7.0 km/h
	loaded	5.0 km/h	5.4 km/h	5.2 km/h	5.0 km/h
Gradeability	empty	9%	12%	12%	12%
	loaded	7%	9%	9%	9%
<b>★ Weight of truck</b>					
Service weight	with battery 240 Ah	998 kg	1025 kg	1042 kg	1080 kg
	without battery	783 kg	810 kg	827 kg	865 kg
<b>★ Wheels</b>					
Fork wheels	dimension	ø83x90 mm	ø83x75 mm	ø83x75 mm	ø83x75 mm
	quantity(R/L)	1/1	2/2	2/2	2/2
	material	vulcollan	vulcollan	vulcollan	vulcollan
Castor wheels	dimension	ø140x60mm	ø140x60mm	ø140x60mm	ø140x60mm
	quantity(R/L)	1/1	1/1	1/1	1/1
	material	vulcollan	vulcollan	vulcollan	vulcollan
Drive wheel	dimension	ø212x70mm	ø212x70mm	ø212x70mm	ø212x70mm
	material	rubber	rubber	rubber	rubber
	movement up	15 mm	15 mm	15 mm	15 mm
	movement down	30 mm	30 mm	30 mm	30 mm
<b>★ Battery and motors</b>					
Battery capacity at 5 hours discharge rate		4x100AH/12V	195AH/24V	240AH/24V	240AH/24V
Max. charging current		30A/24V	30A/24V	40A/24V	40A/24V
Drive motor power		1.0 kw/24V	1.5 kw/24V	1.5 kw/24V	1.5 kw/24V
Lift motor power		2.0 kw/24V	3.0 kw/24V	3.0 kw/24V	3.0 kw/24V
Speed control principle-number of steps (Electronic Mosfet stepless is standard, 3-speed is optional.)		Stepless	Stepless	Stepless	Stepless
		Resistance-3 (option)	Resistance-3 (option)	Resistance-3 (option)	Resistance-3 (option)
<b>★ Steering &amp; Brake</b>					
Steering system		Steering Arm			
Steering arc. total		185 degree			
Traveling brake	type	Electromagnetic spring pressure			
	actuated part	Drive wheel			
Parking brake	type	Electromagnetic spring pressure			
	actuated part	Drive wheel			



Riding on the handy platform avoids haste in catching up with the truck and reduces physical fatigue.



Traction Battery used in the truck endures about 5 years and can be operated normally for 8 hours after 8 hours charge.