



## POWERED PALLET TRUCK

### LPPT 15

Capacity 1500kg

#### 1. **Slide rail lifting structure**

Innovative slide rail lifting structure, lower abrasion, improved power efficiency.

#### 2. **Four-link mechanism chassis**

This design protect lifting cylinder without side force, increase the chassis lifetime, design for tough working condition and longer lifetime.

#### 3. **Save service cost**

Easy to replace driving wheel. Built-in torsional spring handle bring much faster rebound speed and much longer life time.

#### 4. **Optional balance wheel**

A tough design balance wheel provide better durability.

# Technical Data

Feature	Model		LPPT 15			
	1.1	Q	Capacity	kg	1500	
1.2	C	Load center	mm	600		
1.3		Operator type		Walkie		
Dimensions	2.1	H <sub>1</sub>	Lifting height	mm	85~200	
	2.12	H	Max. fork lifting height	mm	200	
	2.13	H <sub>2</sub>	Lowered height of fork	mm	85	
	2.14	H <sub>5</sub>	Height of tiller arm in drive position min./max.	mm	1150	
	2.15	H <sub>4</sub>	Rear body height	mm	650	
	2.2	B <sub>1</sub>	Standard fork width	mm	560 / 540	
	2.3	L	Fork length	mm	1150	
	2.4	S	Fork thickness	mm	54	
	2.5	E	Fork width	mm	162	
	2.6	L <sub>1</sub>	Overall length	mm	1610	
	2.7	L <sub>2</sub>	Rear length	mm	445	
	2.8	B	Overall width	mm	680	
	2.9	Wa	Minimum turning radius	mm	1430	
	2.91	Ast	Aisle width (800*1200mm pallet): horizontal/vertical	mm	1730	
2.92	Ast	Aisle width (1000*1200mm pallet): horizontal/vertical	mm	1850		
Performance	3.1		Maximum traveling speed	laden	km/h	3.5
				unladen	km/h	4
	3.2		Maximum lifting speed	laden	m/s	0.035
				unladen	m/s	0.045
	3.3		Maximum lowering speed	laden	m/s	0.06
				unladen	m/s	0.04
3.4		Gradeability	laden	%	5	
			unladen	%	7	
Weight	4.1		Service weight without battery	kg	215	
	4.2		Service weight with battery	kg	245	
Wheel	5.1		Wheel (drive/load) type		PU	
	5.2		Wheel quantity (drive/balance/load)		5	
	5.3	D1	Size of steering wheel	mm	220	
	5.4	D2	Size of loading wheel	mm	78	
	5.5		Size of balance wheel	mm	80	
	5.6	Y	Wheel base	mm	1275	
Driving system	6.1		Traveling motor	kw	0.65	
	6.2		Lifting motor	kw	0.8	
	6.3		Voltage	V	24	
	6.4		Battery capacity/type	Ah	65	
	6.5		Maximum battery box size(L*W*H)	mm	224×135×178	
	6.6		Traveling brake		Regenerate	
	6.7		Brake type		Electromagnetic	
	6.8		Control system		1212P-2501 (CURTIS)	