

RPT20/25/30/40

Rider Electric Pallet Truck

INTRODUCTION

RPT series as a stand-on driving type electric truck suitable for high strength condition use, it provides users with safe, comfortable, reliable logistic solutions.

ADVANTAGE:

- ◆ Convenience
- ◆ Much better operators' view
- ◆ Safety
- ◆ High efficient



RIDER ELECTRIC PALLET TRUCK



- ◆ Innovative slide rail lifting structure, lower abrasion, improved power efficiency, designed for handling heavy usage. Save time and trouble.



- ◆ Side-way battery box design is convenient for the customer to replace the battery and save time.



- ◆ AC control system eliminating motor brushes and directional contactors, which minimizes maintenance requirements.



- ◆ Full steel cover protect from scrapes, reinforced safe assurance to core parts. No more need to worry about tiny daily damage on appearance and the resulting influence to internal systems.



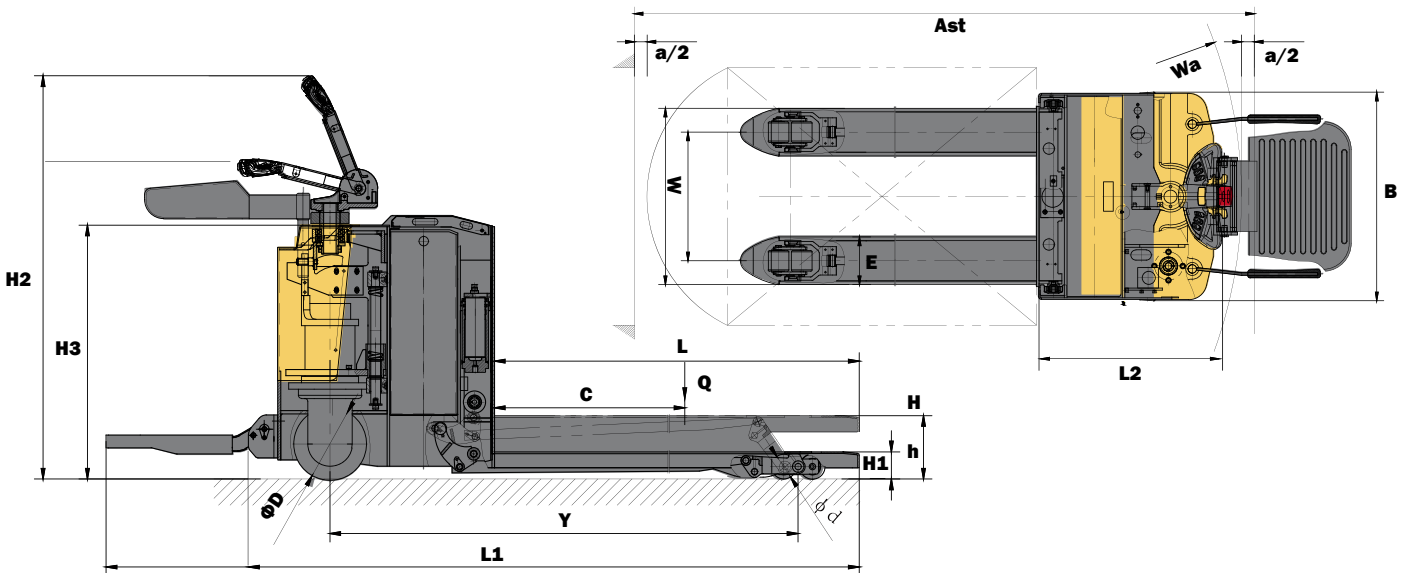
- ◆ Wider rider platform, good set-up spring shock absorber, more space of standing, more sense of comfortable, longer work life.



- ◆ Moonwalk: New pallet moving and stacking solution for narrow aisle applications.

SPECIFICATIONS

MODEL		RPT20/25		RPT30		RPT40			
CHARACTERISTICS									
1.1	capacity	Q kg	2000/2500		3000		4000		
1.2	load center	C mm	600		600		600		
1.3	operator type		walkie/rider		walkie/rider		walkie/rider		
1.4	Electric power steering(EPS)		optional		optional		Optional		
DIMENSION									
2.1	lifting height	h mm	85~200		85~200		100~260		
2.12	Max. fork lifting height	H mm	200		200		260		
2.13	Lowered height of fork	H1 mm	85		85		100		
2.14	Height of tiller arm in drive position min./max.	H2 mm	1030~1440		1030~1440		1030/1440		
2.15	rear body height	H3 mm	830		830		830		
2.2	Overall fork width	W mm	540/685		540/685		540/685		
2.3	fork length	L mm	1150		1150		1150		
2.4	fork thickness	mm	50		50		50		
2.5	fork width	E mm	185		185		185		
2.6	overall length	L1 mm	2378(with platform) / 1948(platform Folded)		2390 (with platform) / 1960(platform Folded)		2480(with platform) / 2050(platform Folded)		
2.7	rear length	L2 mm	688		700		700		
2.8	overall body width	B mm	800		800		800		
2.9	minimum turning radius	Wa mm	1720		1735		1832		
	Clearance	mm	40		40		40		
2.91	aisle width (800*1200mm pallet): horizontal/vertical	Ast mm	2858(with platform) / 2368(platform Folded)		2858(with platform) / 2368(platform Folded)		2858(with platform) / 2368(platform Folded)		
2.92	aisle width (1000*1200mm pallet): horizontal/vertical	Ast mm	2946(with platform) / 2456(platform Folded)		2946(with platform) / 2456(platform Folded)		2858(with platform) / 2368(platform Folded)		
PERFORMANCE									
3.1	maximum traveling speed	laden	km/h	5		5		5	
		unladen	km/h	5.3		5.3		5.3	
3.2	maximum lifting speed	laden	mm/s	35		35		35	
		unladen	mm/s	45		45		45	
3.3	maximum lowering speed	laden	mm/s	50		50		50	
		unladen	mm/s	40		40		40	
3.4	gradeability	laden	%	5		5		5	
		unladen	%	7		7		7	
WEIGHT									
4.1	Service weight without battery	kg	490		520		550		
4.2	Service weight with battery	kg	700		730		760		
WHEEL									
5.1	wheel(drive/load) Type		PU		PU		PU		
5.2	wheel quantity(drive/balance/load)		1/2/4		1/2/4		2001/2/4		
5.3	size of steering wheel	ΦD mm	230		230		230		
5.4	size of Loading wheel	Φd mm	80		80		80		
5.5	size of balance wheel	mm	124		124		124		
5.6	wheel base	Y mm	1435		1450		1435		
DRIVING SYSTEM									
6.1	traveling motor	kw	2.2 (vertical)		2.2 (vertical)		2.2 (vertical)		
6.2	lifting motor	kw	2.2		2.2		2.2		
6.3	voltage	V	24		24		24		
6.4	battery capacity/type	Ah	● 210/270/340		● 210/270/340		● 210/270/340		
6.5	maximum battery box size(L*W*H)	mm	790X210X576		790X210X576		790X210X576		
6.6	traveling brake		Regenerate		Regenerate		Regenerate		
6.7	brake type		Electromagnetic		Electromagnetic		Electromagnetic		
6.8	control system		F2-A (CURTIS)		F2-A (CURTIS)		F2-A (CURTIS)		



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