

AFEPT 2.0

FULLY ELECTRIC PALLET TRUCK



Vol. 5



AAK Handling Equipments Pvt. Ltd.

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AAK HANDLING EQUIPMENT'S

Fully Electric Pallet Truck- AFEPT 2.0 T

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.



Handle



Hydraulic Pump



Wheel

AAK HANDLING EQUIPMENT'S

		DESCRIPTION	UNIT	AFEPT 2.0 T
1.1		Capacity	Kg	2000
1.2		Load centre	mm	600
1.3		Operator type		Walkie
1.4		Electric power steering(EPS)		unavailable
2.1	H1	Lifting height	mm	85~200
2.12	H	Maximum fork lifting height	mm	200
2.13	H2	Lowered height of fork	mm	85
2.14	H5	Height of tiller arm in drive position min./max.	mm	1150
2.15	H4	Rear body height	mm	650
2.2	B1	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	L1	Overall length	mm	1610
2.7	L2	Rear length	mm	445
2.8	B	Overall length	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
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
4.1		Service weight without battery	Kg	215
4.2		Service weight with battery	Kg	245
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
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		Travel brake		Regenerative braking
6.7		Brake		Electromagnetic
6.8		Controller		Imported