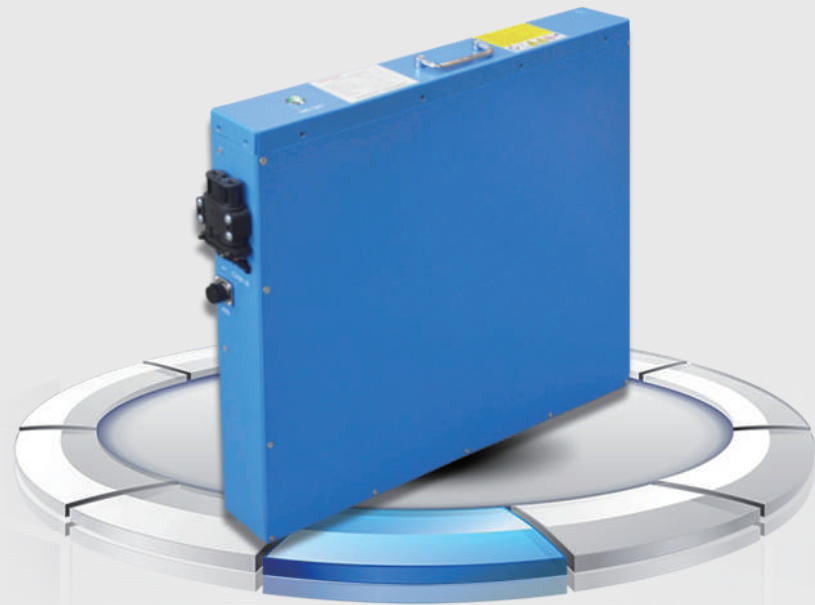


# PT12Li

## Long Tiller Electric Truck with Lithium Battery

### INTRODUCTION

The PT12Li Electric Pallet Truck with Lithium battery is the ideal choice for material transportation over a short-distance or in a confined space. With the environmental friendly Lithium battery, it is especially suitable for food, chemical or pharmaceutical industries that require a clean environment.



#### Lithium Battery Pack

Clean, safe, environmentally-friendly Lithium battery pack, no risk of acid leakage, ideal for food, chemical, or pharmaceutical industries that require a clean environment. Additionally the fast charge and long life cycle dramatically improves productivity.

#### NFM Forklift

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NFM Forklift

#### AUTHORISED DEALER

# NOBLELIFT



## LONG TILLER ELECTRIC PALLET TRUCK WITH LITHIUM BATTERY 1200 KG

### ADVANTAGES

- Lithium Battery Pack is Fully Enclosed
- Compact Design Delivers the Smallest Turning
- Sideway Castors for Stability
- Pallet Entry Rollers
- Reinforced and Robust Chassis
- Reinforced Battery Cover
- Sideway Battery Replacement
- Long Tiller Design for Ergonomics and Safety
- German AC Drive Unit

Distinguishing mark			
1.2	Manufacturer's type designation		PT12Li
1.3	Power(battery,diesel,petrol gas,manual)		Battery
1.4	Operator type		Pedestrian
1.5	Load Capacity / rated load	Q(t)	1.2
1.6	Load centre distance	X(mm)	600
1.8	Load distance, centre of drive axle to fork	Y(mm)	892
1.9	Wheelbase	Z(mm)	1183
Weight			
2.1	Service weight	(kg)	345
2.2	Axle loading, laden front/rear	(kg)	550/960
2.3	Axle loading, unladen front/ rear	(kg)	270/70
Tires, chassis			
3.1	Tires		Polyurethane (PU)
3.2	Tire size, front	X W(kg)	Φ230×70
3.3	Tire size, rear	X W(kg)	Φ84×84
3.4	Additional wheels (dimensions)	X W(kg)	Φ100x40
3.5	Wheels, number front/ rear(x=driven wheels)		1 x+2/4
3.6	Tread, front	b10(mm)	510
3.7	Tread, rear	b11(mm)	367/512
Dimensions			
4.4	Lift height	h3(mm)	120
4.9	Height of tiller in drive position min. / max.	h14(mm)	850/1385
4.15	Height, lowered	h13(mm)	85
4.19	Overall length	l1(mm)	1592
4.20	Length to face of forks	l2(mm)	440
4.21	Overall width	b1(mm)	729
4.22	Fork dimensions	s/e/l(mm)	60/173/1150
4.25	Distance between fork-arms	b5(mm)	540
4.32	Ground clearance, centre of wheelbase	m2(mm)	25
4.34	Aisle width for pallets 800X1200 lengways	Ast(mm)	2040
4.35	Turning radius	Wa(mm)	1340
Performance			
5.1	Travel speed, laden/ unladen	km/h	5.7/ 6.0
5.2	Lift speed, laden/ unladen	m/s	0.025/0.035
5.3	Lowering speed, laden / unladen	m/s	0.035/0.030
5.8	Gradeability, laden/ unladen	%	8/ 15
5.10	Service brake		Electromagnetic
Motors			
6.1	Drive motor rating S2 60min	KW	1.3
6.2	Lift motor rating at S3 4.5%	KW	0.8
6.3	Battery acc. to DIN 43531 /35 / 36 A, B, C, no		
6.4	Battery voltage, nominal capacity K5	V/Ah	24/ 50
6.5	Battery weight (minimum)	(kg)	20
6.6	Energy consumption acc: to VDI cycle		0.29
8.1	Type of drive control		AC- speed control
8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	67



**Compact Design for Smallest Turning Radius**

Overall length 1592mm and turning radius only 1340mm, about 100mm less than a similar truck with normal battery, working easily in confined spaces.

**Sideway Battery Replacement**

Sideway battery replacement and light weight battery allows easy and fast battery replacement, ideal for multi-shift operations.



**Sideway castors**

Sideway castors ensure high driving stability and safety even the floor condition is very bad.

**German AC Drive Unit**

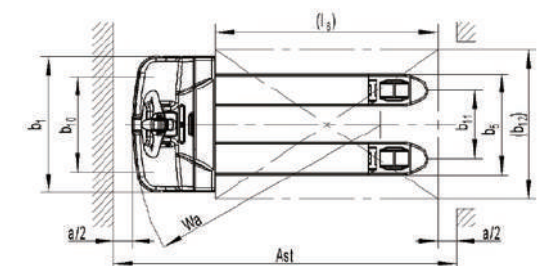
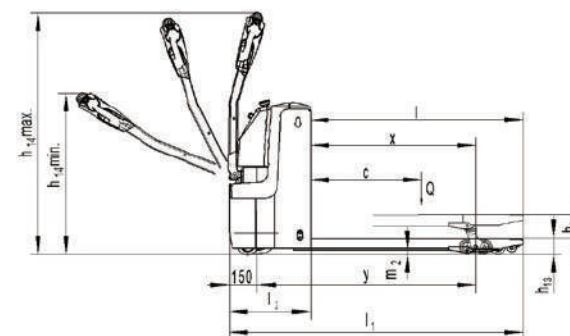
Maintenance-free German AC drive unit for high performance, efficiency and stability and at the same time reducing running cost.

**Reinforced and Robust Chassis**

Robust chassis with reinforcement for long service life.

**Pallet Entry Rollers**

The design of the entry rollers ensures easy entry to the pallet.



**CAN-BUS**



**Long Tiller Design for Ergonomics and Safety**

Ergonomically designed long tiller allows comfortable and efficient operation, and also improves safety for the operator by keeping a safe distance.



**Reinforced Battery Cover**

CE-conformed reinforced steel battery cover, protecting the batteries with test of 3kg item dropping from 3m high.

