

NEW
ARRIVAL



EDGE

Material Handling

Powered Pallet Truck



1500kg



Small Size



123kg

Low self-weight



Li

Lithium battery



Smart design



CAN-bus



Best Cost-Performance Ratio



CE

NEW
ARRIVAL

Smart Design

Robustness

Safety

Ergonomics

High Performance

Maintenance Friendly

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INTRODUCTION

The new model of electric pallet truck developed by Noblift is the innovative product with cutting-edge design based on decades of our experience, it combines the advantages of manual and electric pallet trucks being the perfect electrical product for light and medium duty material transportation in most effortless and economic way.

With its new and fresh outer appearance containing sharp lines, we named it **"EDGE".**

Smart design

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Ergonomic & Smart Tiller Design

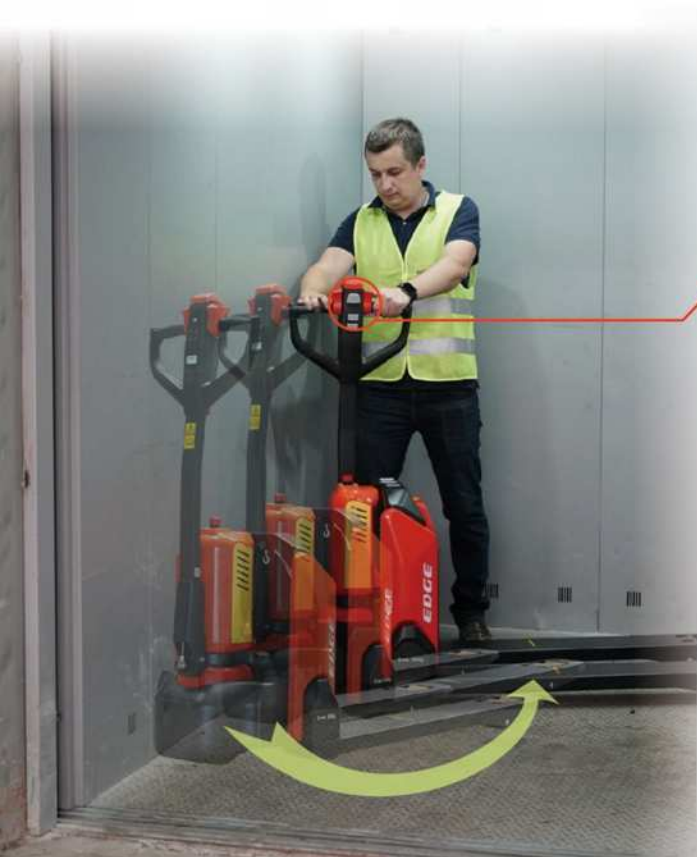
The tiller of the truck with ergonomic design has comfortable soft grips for comfort daily operation. All buttons are big and can be easily reached by operators even in case of working in gloves.

Integrated PIN code panel with LCD display for smart control and operation.



The tiller of the truck is supported by the **air spring** and the tiller returns to its vertical position smoothly.

Speed reduction at different angles as well as function of active tiller in its up-right position.



The function of driving with tiller in the **vertical position** helps with work in confined areas, especially in elevators and lorries without sacrificing of safety.



The frame of truck is surrounded by stamped steel elements making the truck looking different and also ensuring the **protection** of components



Forks of the truck with shape for easy entrance and exit from pallets. Full length double sided C-shape **reinforcements** of forks significantly increase strength and **rigidity** of frame.

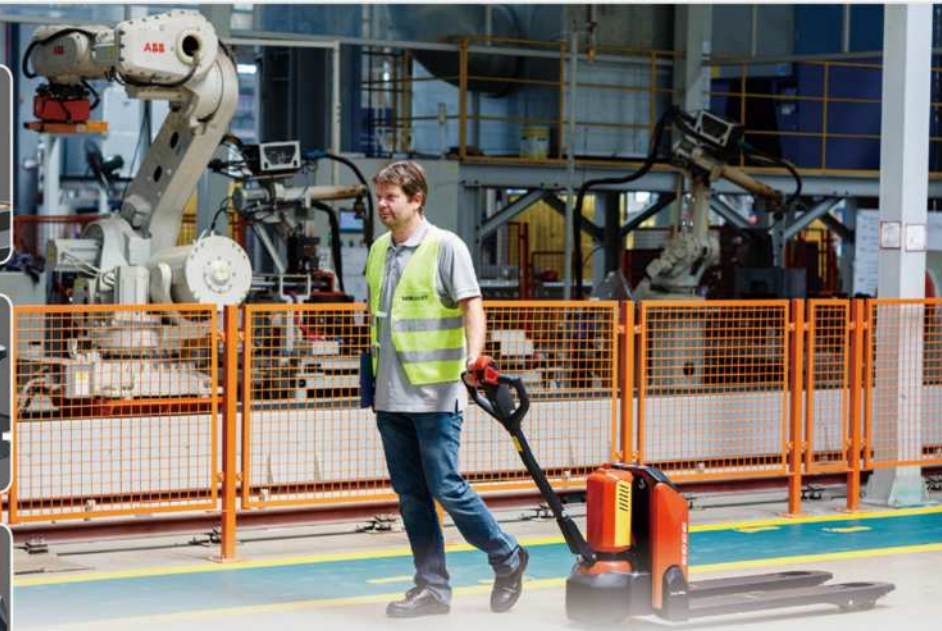


Strong steel apron **protects** the operator's feet during work and secures the truck's components from collisions with objects.



Robust & Smart Design of Chassis

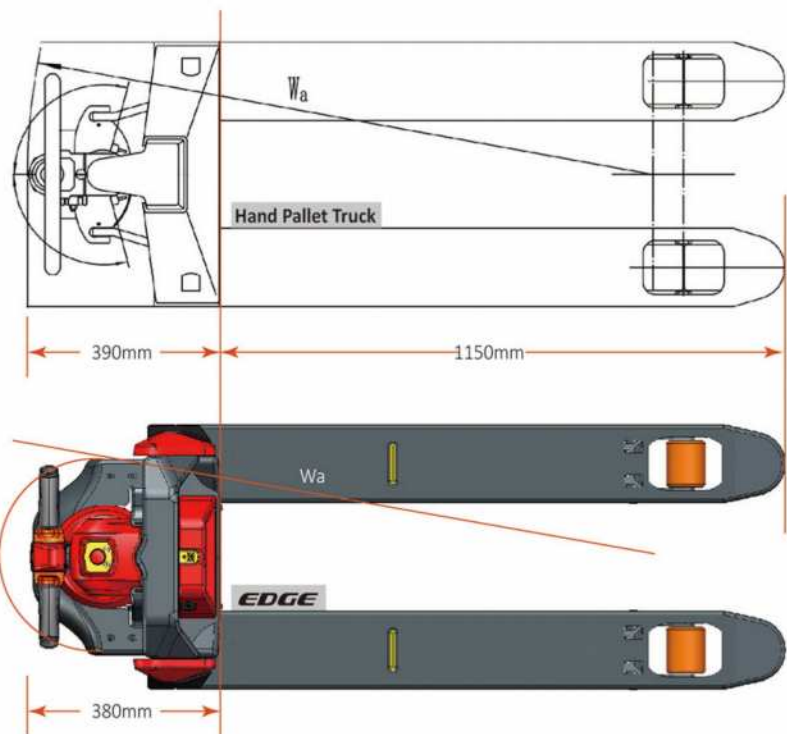
Strong and compact structure of chassis helps to ensure long life-time of the truck, without sacrificing the truck's weight or putting under question the strength of frame.



Capacity up to **1500 kg** and ability to overcome ramps up to **4/16%** (laden/ unladen) makes the truck suitable for work in loading docks and on delivery operations in different conditions



The minimized service weight of only **123 kg** makes the truck ideal to be used for delivery lorries with tail lifts platforms for goods distributions without sacrificing the transported weight.



The short body length of truck ($L_2=380$ mm) is even smaller than the one of regular HPTs. It provides the shortest **turning radius** of **1274/1330** mm with lifted/lowered forks and makes the truck extremely compact and ideal for use in confined spaces of retail stores, elevators or business centers.

Smart Lithium Battery



Light weight high quality Lithium battery for **easy replacement**.



Optional different battery capacities from 20Ah to 36Ah for various applications



3-6 hours working time

Socket on battery case for easy battery charging without necessity to take the battery out
Fast and opportunity charging during brakes in operations increases working time.



Smart battery positioning and lock for great fixation and safety.

Maintenance Friendly

Convenient and fast access to any component of the truck, no elements are located in areas difficult to reach. No Special tools are required.

There are no hoses or pipes used in the hydraulic lifting circuit which significantly improves **reliability** and reduces the amount of potential problems related to leakages through connectors or their seals.

CAN-bus



CURTIS

The truck is equipped with **Curtis** controller and **CAN-bus** technology makes the diagnostic and troubleshooting easier.

Amount of working hours shown at the tiller helps to follow the maintenance schedule.

Various Options



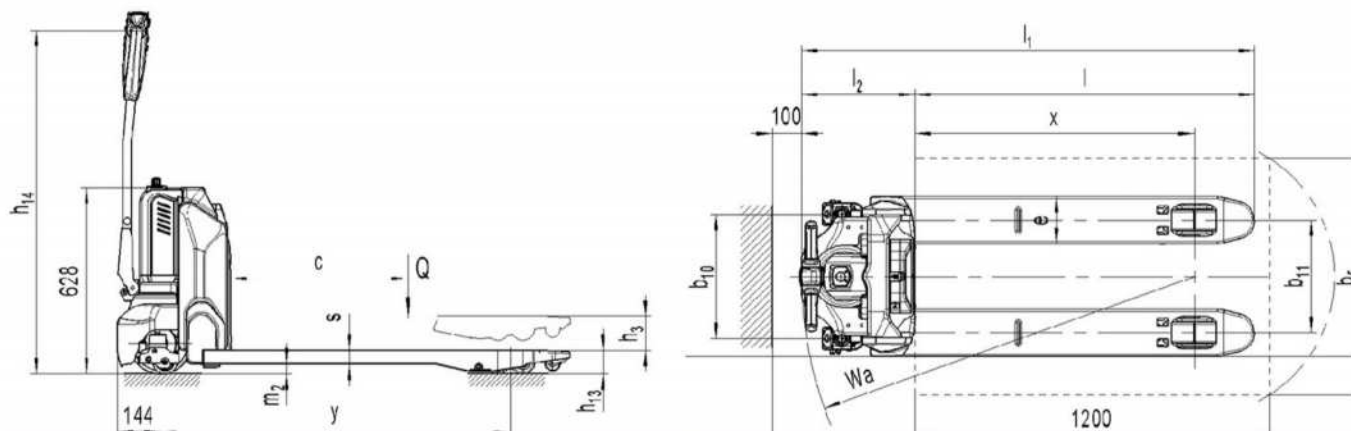
Optional tandem fork rollers



Optional different fork sizes



Additional supporting wheels



Type sheet for industrial truck acc. to VDI 2198

General Data				
1.2	Manufacturer's type designation		PT E15N	
1.3	Drive		Battery	
1.4	Operator type		Pedestrian	
1.5	Load Capacity / rated load	Q (t)	1.5	
1.6	Load centre distance	c (mm)	600	
1.8	Load distance ,centre of drive axle to fork	x (mm)	947	
1.9	Wheelbase	y (mm)	1185	
Weight				
2.1	Service weight	kg	123	126
2.2	Axle loading, laden front/rear	kg	500 / 1123	626 / 1000
2.3	Axle loading, unladen front/rear	kg	96 / 27	99 / 27
Tyres, chassis				
3.1	Tires		Polyurethane (PU)	
3.2	Tire size, front	x w (mm)	210×70	
3.3	Tire size, rear	x w (mm)	80×93(optional tandem:80×70)	
3.4	Additional wheels(dimensions)	x w (mm)	-/ 80×30	
3.5	Wheels,number front/rear(x=driven wheels)		1x/ 2(1x/ 4) or 1x+2/ 2(1x+2/ 4)	
3.6	Tread, front	b10 (mm)	-/420	
3.7	Tread, rear	b11 (mm)	380	525
Dimensions				
4.4	Lift	h3 (mm)	115	
4.9	Height of tiller in drive position min./ max.	h14 (mm)	700 / 1160	
4.15	Height, lowered	h13 (mm)	80	
4.19	Overall length	l1 (mm)	1530	
4.20	Length to face of forks	l2 (mm)	380	
4.21	Overall width	b1 (mm)	540	685
4.22	Fork dimensions	s/e/l (mm)	47 / 160 / 1150	
4.25	Distance between fork- arms	b5 (mm)	540	685
4.32	Ground clearance, centre of wheelbase	m2 (mm)	33	
4.34	Aisle width for pallets800X1200 lengthways (200mm safe distance)	Ast (mm)	2000	
4.35	Turning radius	Wa (mm)	1330	
Performance Data				
5.1	Travel speed, laden/ unladen	km/h	4.6/ 4.8	
5.2	Lift speed, laden/ unladen	m/s	0.020 / 0.025	
5.3	Lowering speed, laden/ unladen	m/s	0.05 / 0.04	
5.8	Max. gradeability, laden/ unladen	%	4 / 16	
5.10	Service brake		Electromagnetic	
Electric- engine				
6.1	Drive motor rating S2 60min	kW	0.65	
6.2	Lift motor rating at S3 10%	kW	0.50	
6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no		No	
6.4	Battery voltage, nominal capacity K5	V / Ah	24V / 20(optional: 24V / 30 , 24V / 36)	
6.5	Battery weight	kg	4.6	
6.6	Energy consumption acc. to VDI cycle	kWh/h	0.18	
Addition Data				
8.1	Type of drive control		DC speed Control	
8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	<70	