

**NEW**  
ARRIVAL

**2000kg**  
**4500lbs**  
**Capacity**

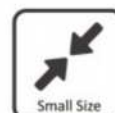
- ✓ Brushless DC drive motor
- ✓ 48V Curtis control System
- ✓ Great Gradeability Performance
- ✓ Low Consumption of Energy



**EDGE**  
**EDGE**

Material Handling

### Powered Pallet Truck





# 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"**.

Now we have both 1500kg/3300lbs and 2000kg/4500lbs as the Edge Series.

**Smart design**

**Robustness**

**Safety**

**Ergonomics**

**High performance**

**Maintenance friendly**





# 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 when working in gloves.

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



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.



# 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.

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



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



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.



**Standard** with suspension stability casters for great stability for applications of all kinds.

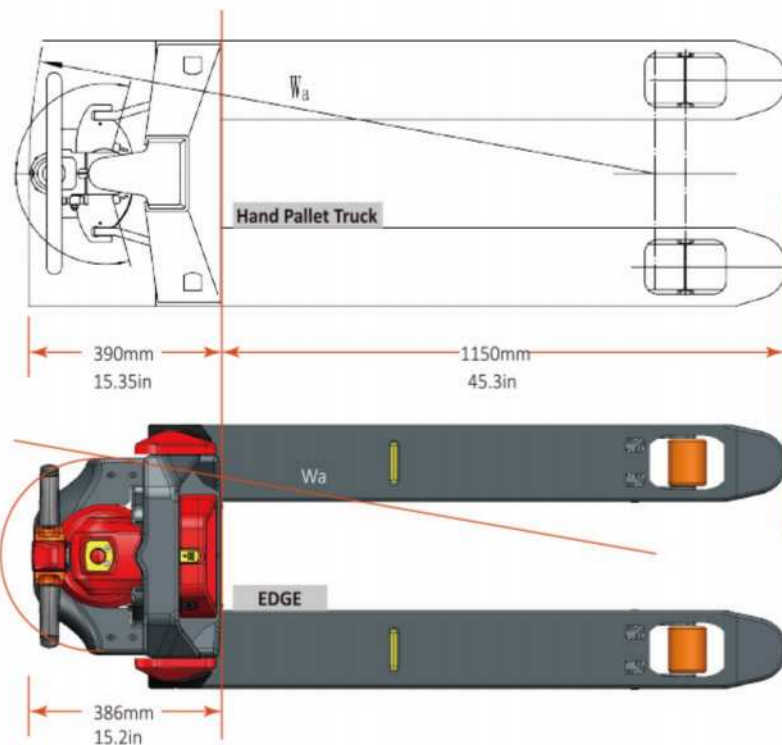


Great gradeability performance with **7%** gradeability when it is fully loaded with **4500lbs(2000kg)**, **16%** when it not loaded. Standard with German INTORQ brake for safety.



**540mm Fork: 149kg**  
**21in Fork: 328lbs**

**685mm Fork: 153kg**  
**27in Fork: 337lbs**



The short body length of truck (L2=386mm/15.2in) is even smaller than the one of regular HPTs. It provides the shortest **turning radius** of **1280mm(50.4in)/1336mm(52.6in)** 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

Standard with Maintenance-free 48V/20Ah Lithium battery and 48V/9A intelligent charger for long operation time, fast charging and opportunity charging.

The integrated **BMS** (Battery Management System) controls all important parameters and performance of lithium battery.



Smart battery positioning and lock for great fixation and safety.



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



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

# Maintenance Friendly

48V Brushless DC drive motor with intelligent Curtis control



**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.



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



Please write single or tandem rollers

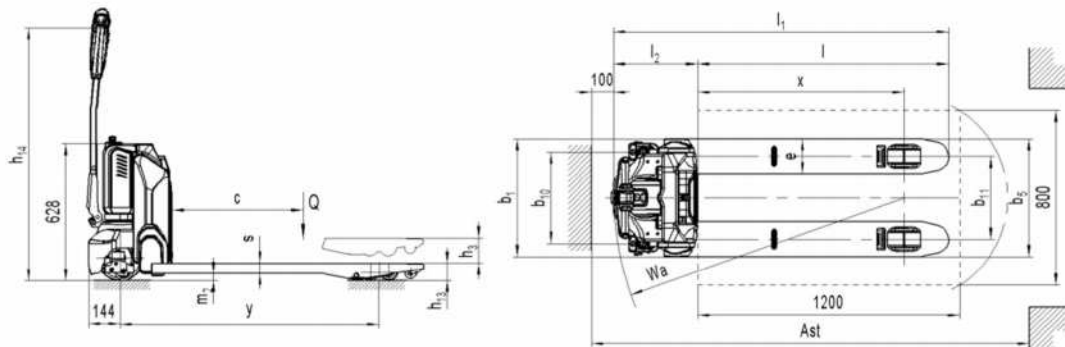


Optional different fork sizes



Optional Backrest

**Different heights**  
1070mm/42in  
1220mm/48in  
1525mm/60in



**Type sheet for industrial truck acc. to VDI 2198**

Distinguishing Mark	1.2	Manufacturer's type designation		PT E20N	
	1.3	Power(battery,diesel,petrol gas>manual)		Battery	
	1.4	Operator type		Pedestrian	
	1.5	Load Capacity / rated load	Q (t)	2.0	
	1.6	Load centre distance	c (mm)	600	
	1.8	Load distance, centre of drive axle to fork	x (mm)	951	
	1.9	Wheelbase	y (mm)	1189	
Weight	2.1	Service weight	kg	149	153
	2.2	Axle loading, laden front/rear	kg	600 / 1549	625 / 1348
	2.3	Axle loading, unladen front/ rear	kg	115 / 34	119 / 34
Tires, chassis	3.1	Tires		Polyurethane (PU)	
	3.2	Tire size, front	Ø x w (mm)	Ø 210×70	
	3.3	Tire size, rear	Ø x w (mm)	Ø 80×93(Ø 80×70)	
	3.4	Additional wheels (dimensions)	Ø x w (mm)	Ø 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	
Dimensions	3.7	Tread, rear	b11 (mm)	380	525
	4.4	Lift height	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)	1536	
	4.20	Length to face of forks	l2 (mm)	386	
	4.21	Overall width	b1 (mm)	540	685
	4.22	Fork dimensions	s/e/l (mm)	47 / 160 / 1150	
	4.25	Width across forks	b5 (mm)	540	685
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	33	
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2006	
	4.35	Turning radius	Wa (mm)	1336	
Performance	5.1	Travel speed, laden/ unladen	km/h	4.8/ 5.2	
	5.2	Lift speed, laden/ unladen	m/s	0.017 / 0.022	
	5.3	Lowering speed, laden / unladen	m/s	0.05 / 0.03	
	5.8	Gradeability, laden/ unladen	%	7 / 16	
	5.10	Service brake		Electromagnetic	
Motors	6.1	Drive motor rating S2 60min	kW	0.75	
	6.2	Lift motor rating at S3 10%	kW	0.8	
	6.3	Battery acc. to DIN 43531 /35 / 36 A, B, C, no		No	
	6.4	Battery voltage, nominal capacity K5	V / Ah	48/ 20	
	6.5	Battery weight (minimum)	kg	7.5	
	6.6	Energy consumption acc. to VDI cycle	kWh/h	0.25	
Others	8.1	Type of drive control		DC -Speed Control	
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	<70	