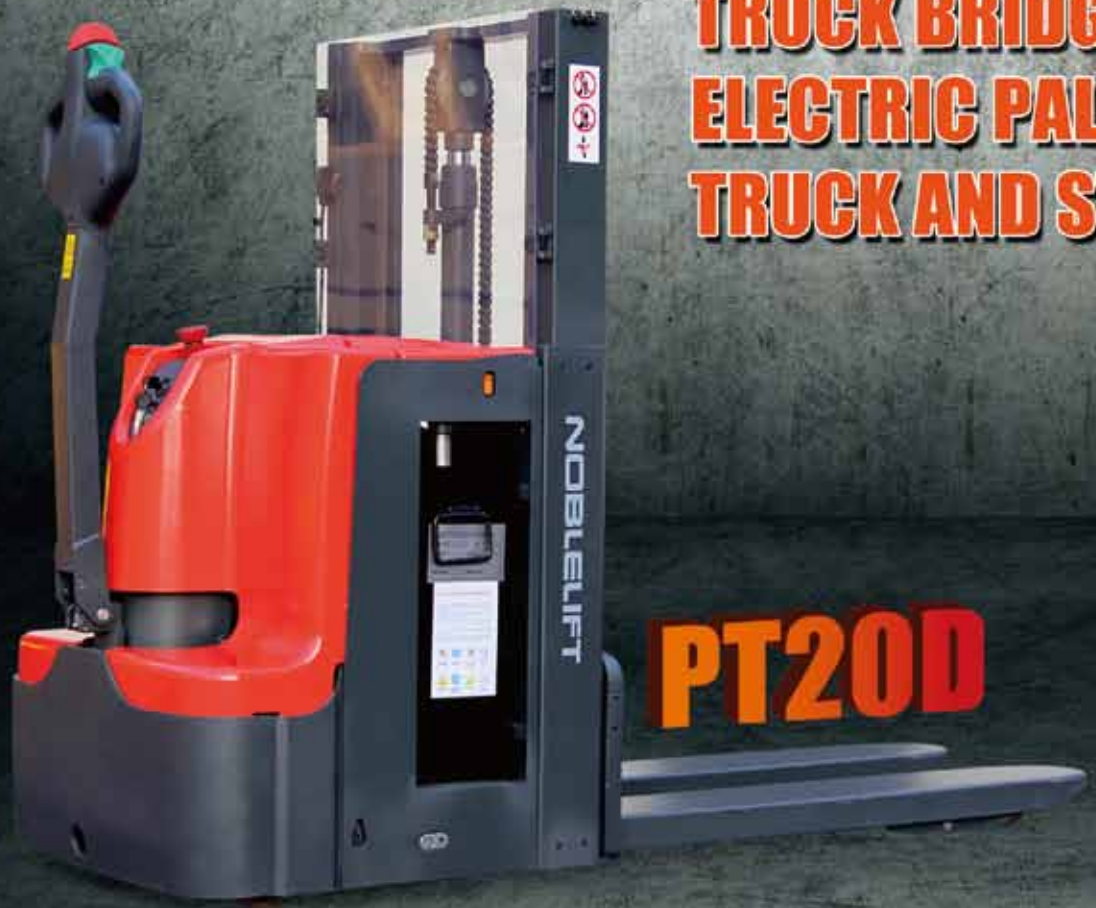
NOBLELIFT

THE MULTI-FUNCTIONAL TRUCK BRIDGES THE ELECTRIC PALLET TRUCK AND STACKER

NEW



PT20D

PT20D

NEW!

NOBLELIFT

The Multi-functional Truck bridges the electric pallet truck and stacker.
The PT20D Series is a multi-functional truck when it comes to the handling of materials by combining the features of a pedestrian pallet truck and stacker in one truck.
It handles not only the transporting of the goods horizontally but also handles loading and unloading HGVs(Heavy goods vehicle) and stacking of pallets with max. lift height up to 2500 mm, what's more, with its double lifting function, it is able to lift two Euro pallets at the same time. All operations can therefore be performed twice as quickly in comparison with a traditional pedestrian pallet truck or stacker. The PT20D can carry 2000 kg when used as a pallet truck, 1000 kg with the forks raised or 2 x 1000 kg in double-deck operation.

ADVANTAGE:

- Power pallet truck with additional health-friendly mast lift
- AC drive system
- Long tiller for easy and ergonomic operations
- Double-lift with max. lift height up to 1600/2000/2500mm
- Core components from top quality brands
- Proportional lifting and lowering for accurate control of lift heights

Electronic proportional lifting and lowering

The electronically controlled proportional lifting system ensures accurate positioning and stacking operations at every lifting height.

In specific with high masts the electronic controlled proportional lifting performs at its best.

PT20D

CAN-BUS

Long Tiller Design

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

Sideway battery exchange

Standard powerful 210Ah battery with battery sideway battery replacement for easy battery replacement, maintenance and multi-shift operation.

Double lifting design

With its double lifting function, the efficiency is doubled than the traditional pedestrian pallet truck or stacker. The raising support arms with bigger ground clearance also contribute to safe travel, for instance on thresholds, ramps and uneven floors. And with its low overall height, it comes with excellent view of operation.

Core Components from Top Quality Brands

German KORDEL gear box, INTORQ Brake, WICK drive wheel, Italian ZAPI Controller ensure the high performance, efficiency and stability, at the same time reduce the running cost .

Side switch

The standard equipped sideways located lifting and lowering buttons makes the lifting and lowering of the goods much easier and safer when the operator need to monitor the height closely from the side.

Static design of the hydraulic system

There is no movement of the hydraulic systems during lifting and lowering of the truck, ensures the stability and safety of the hydraulic system .

Robust and Reliable Design

The robust chassis with the strong 8mm thick apron protects the truck and the components against mechanical impacts from the outside. The steel battery cover ensures the battery well protected.

Convenient Maintanence

To easier the maintenance has been considered during the vehicle design and parts selection. For example, all the parts to be within arms reach after removing the encloser which fixed by one piece of screw only, and the Driving Wheels and Steering Wheels could be changed easily and no need to hoist the whole vehicle.

Type sheet

NOBLELIFT

Technical data sheet for industrial truck acc. to VDI 2198

Distinguishing mark	1.1	Brand				Noblelift	
	1.2	Manufacturer' type designation				PT 20D	
	1.3	Drive(electric,diesel,petrol,gas,main electric)				Battery	
	1.4	Operator type				Pedestrian	
	1.5	Load capacity / rated load	Q (t)			2.0	
		Load capacity at mast lift	Q (t)			1.0[1)]	
		Load capacity at support arm lift	Q (t)			2.0[1)]	
	1.6	Load center distance	C (mm)			600	
	1.8	Load distance ,centre of drive axle to fork	X (mm)			916	
	1.9	Wheelbase	Y (mm)			1532	
Weight	2.1	Service weight	kg	990	1010		1060
	2.2	Axle loading, laden front/rear	kg	880/2110	890/2120		925/2135
	2.3	Axle loading, unladen front/ rear	kg	648/342	658/352		695/365
Tires,Chassis	3.1	Tires				Polyurethane (PU)	
	3.2	Tire size, front	Φx w (mm)			Φ230 x70	
	3.3	Tire size, rear	Φx w (mm)			Φ80x70	
	3.4	Additional wheels(dimensions)	Φx w (mm)			Φ100x40	
	3.5	Wheels, number front/ rear(x=driven wheels)				1x+2/4	
	3.6	Tread, front	b10 (mm)			510	
	3.7	Tread, rear	b11 (mm)			380	
Dimensions	4.2	Lowered mast height	h1 (mm)	1178	1378		1233
	4.4	lift	h3 (mm)	1400	1800		2300
	4.5	Extended maximal height	h4 (mm)	2528	2928		3475
	4.6	Initial lift	h5 (mm)			120	
	4.9	Height of tiller in drive position min./ max.	h14 (mm)			800/1335	
	4.15	Height, lowered	h13 (mm)			88	
	4.19	Overall length	l1 (mm)		1940		1955
	4.20	Length to face of forks	l2 (mm)		790		805
	4.21	Overall width	b1 (mm)			729	
	4.22	Fork dimensions	s/e/l (mm)			60 / 180 / 1150	
	4.25	Distance between fork- arms	b5 (mm)			560	
	4.32	Ground clearance, centre of wheelbase	m2 (mm)			28	
	4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)		2140		2155
	4.34	Aisle width for pallets 800x1200 lengthwise	Ast (mm)		2190		2205
	4.35	Turning radius	Ast (mm)			1682	
Performance data	5.1	Travel speed, laden/ unladen	km/h			6.0/ 6.0	
	5.2	Lift speed, laden/ unladen	mm/s			85/140	
	5.3	Lowering speed, laden/ unladen	mm/s			80/65	
	5.8	Max. gradeability, laden/ unladen	%			8/ 20	
	5.10	Service brake				Electromagnetic	
Electric-motor	6.1	Drive motor rating S2 60min	kW			1.3	
	6.2	Lift motor rating at S3 10%	kW			2.2	
	6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no				No, 3VBS	
	6.4	Battery voltage, nominal capacity K5	V/Ah			24/ 210	
	6.5	Battery weight	kg			185	
	6.6	Energy consumption acc. to VDI cycle	kWh/h			1.0	
Additional data	8.1	Type of drive control				AC- speed control	
	8.4	Sound level at driver`s ear acc. to EN 12053	dB(A)			<70	

1) in double-deck operation: mast lift 1.0t,,support arm lift 1.0t