

PT 16/20L-Li

LONG-TILLER WALKIE LITHIUM POWERED PALLET TRUCK

High performance, comfort, safety, and reliability, combined with low maintenance costs, PT16/20L-Li is an ideal tool for handling palletized goods in warehouses, supermarkets, workshops.



High Performance

- Powerful, with a load capacity of 1.6 tons, meeting the needs of the vast majority of customers.
- Extremely small turning radius (less than PT16L), good performance and flexible operation in narrow aisles.
- Optional CURTIS controller for efficient and excellent control performance.
- Grade-ability up to 8% fully loaded (with 100Ah battery).
- High-power drive system with great capability of passing obstacles.

Comfort and Safety

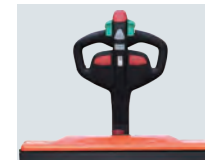
- Reliable and ergonomically designed multi-function long tiller, ensuring all operations can be achieved by one hand easily.
- Optional speed reduction at turning, achieving safe operation effectively.
- With PIN CODE panel and keyless start button, faster and more convenient to start.
- The long tiller with buffering air spring can better protect the handle and ensure the safety of the operator.

Stability and Reliability

- More robust and durable steel chassis frame, stable and reliable, achieving a long service life.
- Fixation of the cylinder and frame by connecting seat and pins, ensuring driving stability.
- Equipped with entry rollers and balance wheels, making it more stable.

Repair and Maintenance

- External programming port, diagnosing faults without removing the cover.
- Maintenance friendly, parts are easily accessible by simply removing the electrical cover.
- Optional Curtis instruments, displaying power level and failure codes.



Pallet Truck

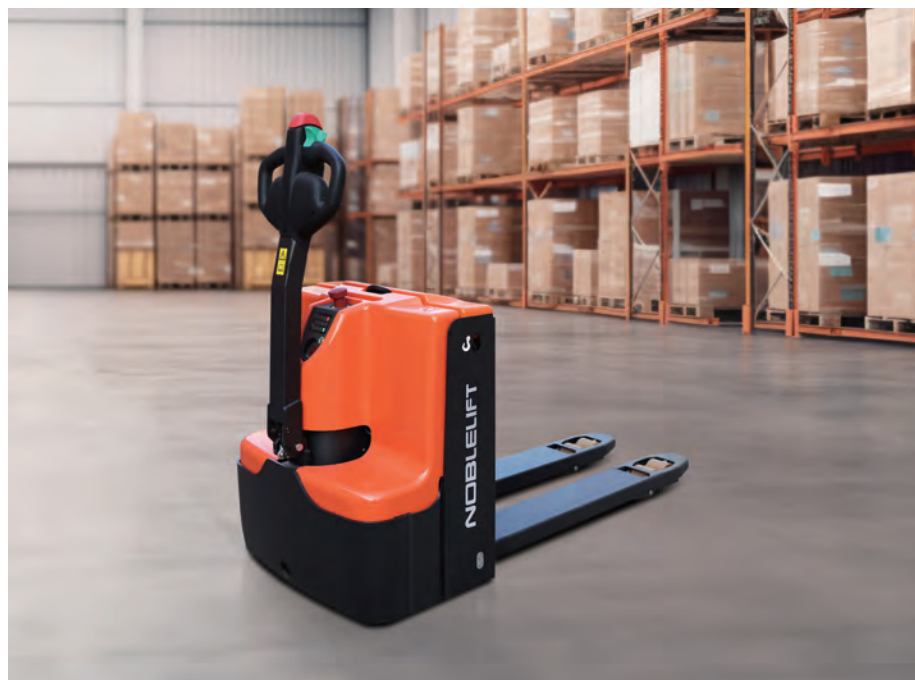
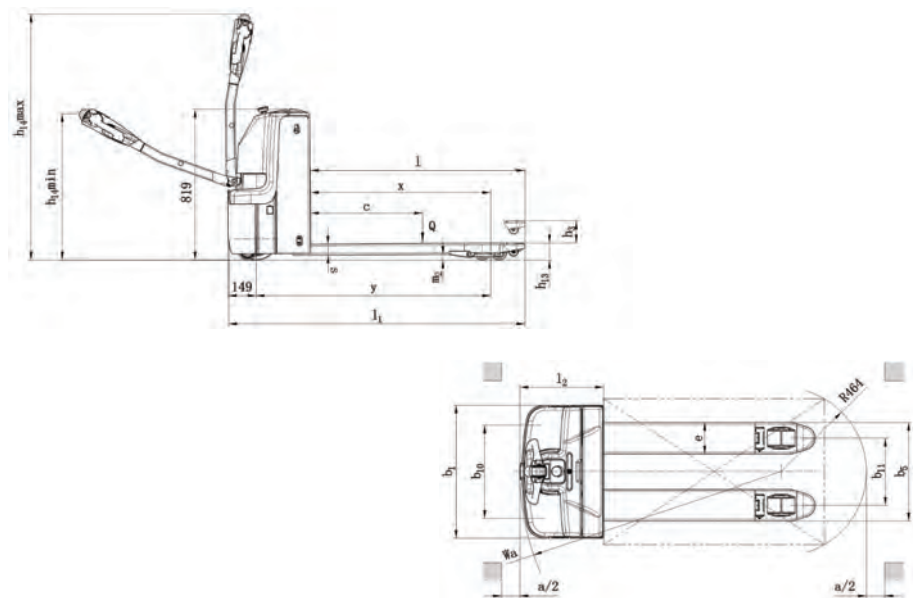
Standard Lithium Battery

Energy saving and high efficiency



The Li-ion batteries are certified according to international safety transportation (by sea and by air) and operation standards. All Li-ion batteries are equipped with built-in Battery Management System (BMS), which provides mandatory control of all important parameters of the battery during charging and operation. With this control, the safety of Li-ion battery during the whole life-cycle is guaranteed and make its diagnosis and repair with special software. The BMS communicates with control system of the truck via CAN-BUS, uploading key status data.

Li-ion
2-3 小时
100%



Type sheet for industrial truck acc. to VDI 2198

1.2	Manufacturer' s type designation		PT16L-Li	PT20L-Li
1.3	Drive		Battery	Battery
1.4	Operator type		Pedestrian	Pedestrian
1.5	Load Capacity / rated load	Q (kg)	1600	2000
1.6	Load centre distance	c (mm)	600	600
1.8	Load distance ,centre of drive axle to fork	x (mm)	966	966
1.9	Wheelbase	y (mm)	1258	1336
2.1	Service weight	kg	357	411
2.2	Axle loading, laden front/rear	kg	991/966	674/1237
2.3	Axle loading, unladen front/rear	kg	295/62	333/77
3.1	Tires		PU	PU
3.2	Tire size,front	Øxw (mm)	Ø230×70	Ø230×70
3.3	Tire size,rear	Øxw (mm)	Ø84×84/Ø82×110	Ø84×84/Ø82×110 ¹⁾
3.4	Additional wheels(dimensions)	Øxw (mm)	Ø100×40	Ø100×40
3.5	Wheels,number front/rear(x=driven wheels)		1×+2/4	1×+2/4
3.6	Tread, front	b10 (mm)	510	510
3.7	Tread, rear	b11 (mm)	367 512	367 512
4.4	Lift	h3 (mm)	120	120
4.9	Height of tiller in drive position min./ max.	h14 (mm)	765/1250	765/1250
4.15	Height, lowered	h13 (mm)	85/83	85/83 ²⁾
4.19	Overall length	l1 (mm)	1590	1668
4.20	Length to face of forks	l2 (mm)	440	518
4.21	Overall width	b1 (mm)	729	729
4.22	Fork dimensions	s/e/l (mm)	60/173/1150	60/173/1150
4.25	Distance between fork- arms	b5 (mm)	540 685	540 685
4.32	Ground clearance, centre of wheelbase	m2 (mm)	25/28	25/28 ³⁾
4.34	Aisle width for pallets800X1200 lengthways (200mm safe distance)	Ast (mm)	2086	2156
4.35	Turning radius	Wa (mm)	1422	1482
5.1	Travel speed, laden/ unladen	km/h	5.7/6.0	5/6
5.2	Lift speed, laden/ unladen	m/s	0.025/0.035	0.025/0.033
5.3	Lowering speed, laden/ unladen	m/s	0.035/0.030	0.045/0.031
5.8	Max. gradeability, laden/ unladen	%	8/15	8/15
5.10	Service brake		Electromagnetic	Electromagnetic
6.1	Drive motor rating S2 60min	kW	1.3	1.3
6.2	Lift motor rating at S3 10%	kW	0.8	0.8
6.4	Battery voltage, nominal capacity K2	V/Ah	24/100	24/150
6.5	Battery weight	kg	29.5±0.5	57±5
6.6	Energy consumption acc. to VDI cycle	KWh/h	0.187	0.319
8.1	Type of drive control		AC	AC
8.4	Sound level at driver' s ear acc. to EN 12053	dB (A)	<70	<70

1) If h13 is 83mm, choose this single roller; 2) With 82*110mm single roller; 3) If h13 is 83mm, m2 is 28mm.