

PT16L/PT20L/PT25L

Electric Pedestrian Power Pallet Truck
with capacities of 1600/2000/2500kg

- Ergonomic, Compact and Safe Long Tiller Design
- Reliable and Strong Chassis
- Powerful, Maintenance Free German AC power train
- Core Components from top quality brands

INTRODUCTION

The PT16L-25L series is the first choice for truck loading and unloading as well for universal transportation on short distances with capacities from 1600kg up to 2500kg.

With the short chassis length(PT16L) the truck is tailored to operate in confined areas.

With its high-quality and state of the art top-brand components and technologies, the truck competes with leading well-known brands in the market.

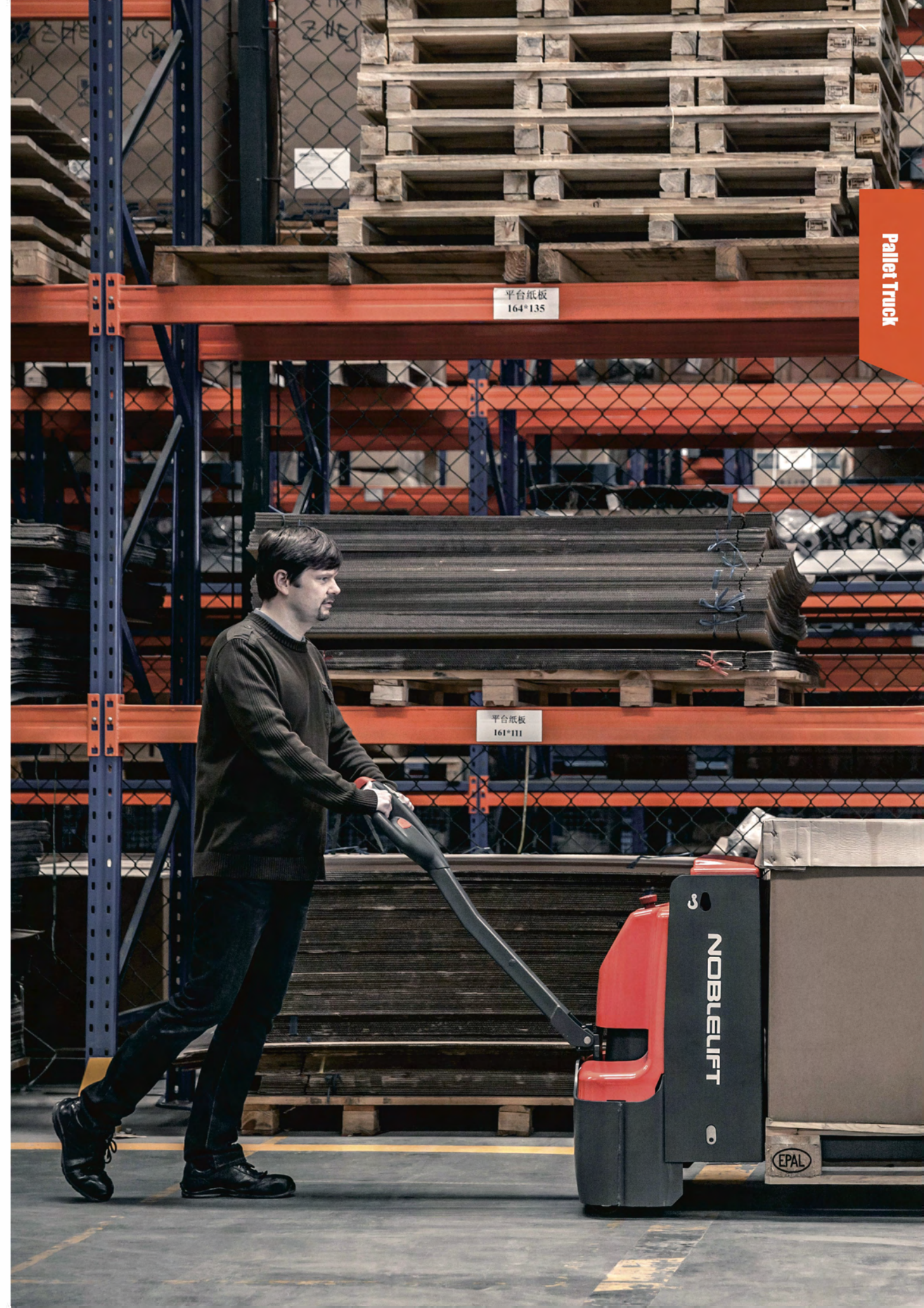
Top brand qualified components

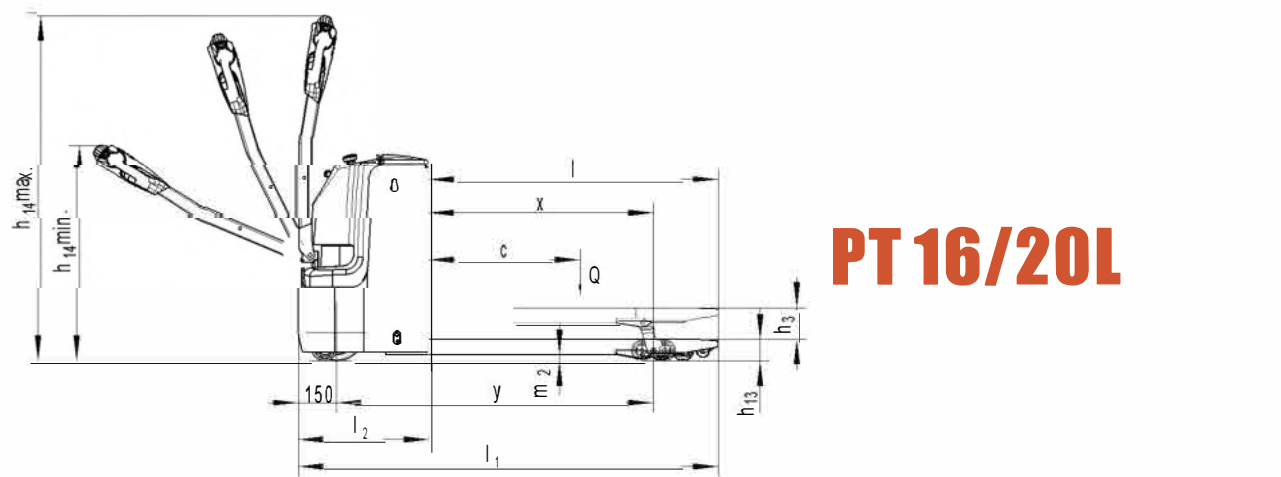
Using high quality core components:

- Reliable multifunctional REMA tiller with ergonomic contactless rocker-switches
- Top quality Schabmueller AC drive motor
- Kordel gearbox
- Intorque brake
- Wicke drive wheel
- Zapi controller

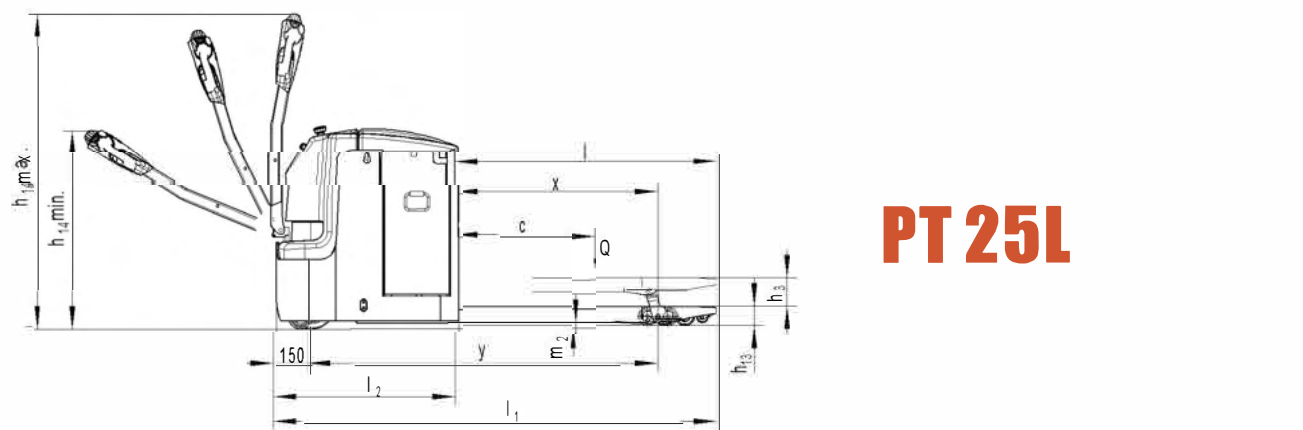
The parts used reduce high service costs and give you the performance and reliability which is required for the most demanding harsh loading and unloading operations.

PT 16L





PT 16/20L



PT 25L

Type sheet for industrial truck acc. to VDI 2198

Distinguishing mark	1.2	Manufacturer's type designation		PT16L	PT20L	PT25L
	1.3	Drive			Battery	
	1.4	Operator type			Pedestrian	
	1.5	Load Capacity / rated load	Q (t)	1.6	2.0	2.5
	1.6	Load centre distance	c (mm)		600	
	1.8	Load distance, centre of drive axle to fork	x (mm)		892	
	1.9	Wheelbase	y (mm)	1261	1327	1541
Weight	2.1	Service weight	kg	445	535	720
	2.2	Axle loading, laden front/rear	kg	715/1330	855/1680	1040/2200
	2.3	Axle loading, unladen front/rear	kg	345/100	415/120	540/200
Tires, chassis	3.1	Tires		Polyurethane (PU)		
	3.2	Tire size, front	Øx w (mm)		Ø230×70	
	3.3	Tire size, rear	Øx w (mm)		Ø84×84	
	3.4	Additional wheels(dimensions)	Øx w (mm)		Ø100×40	
	3.5	Wheels,number front/rear(x=driven wheels)			1x+2/4	
	3.6	Tread, front	b_{10} (mm)		510	
	3.7	Tread, rear	b_{11} (mm)		367/512	
Dimensions	4.4	Lift	h_3 (mm)		120	
	4.9	Height of tiller in drive position min./ max.	h_{14} (mm)		800/1335	
	4.15	Height, lowered	h_{13} (mm)		85	
	4.19	Overall length	l_1 (mm)	1670	1735	1950
	4.20	Length to face of forks	l_2 (mm)	520	595	810
	4.21	Overall width	b_1 (mm)		729	
	4.22	Fork dimensions	s/e/l (mm)		60/173/1150	
	4.25	Width across forks	b_5 (mm)		540/685	
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)		25	
	4.34	Aisle width for pallets1000X1200 crossways	Ast (mm)	1885	1955	2175
	4.34	Aisle width for pallets800X1200 lengthways	Ast (mm)	1935	2005	2225
	4.35	Turning radius	Wa (mm)	1440	1490	1750
Performance data	5.1	Travel speed, laden/ unladen	km/h	5.7/6.0	5.7/6.0	5.5/6.0
	5.2	Lift speed, laden/ unladen	m/s	0.025/0.035	0.022/0.030	0.035/0.045
	5.3	Lowering speed, laden/ unladen	m/s	0.035/0.030	0.035/0.035	0.040/0.040
	5.8	Max. gradeability, laden/ unladen	%		8/15	
	5.10	Service brake			Electromagnetic	
Electric- engine	6.1	Drive motor rating S2 60min	kW	1.3	1.3	1.7
	6.2	Lift motor rating at S3 10%	kW	0.8	0.8	2.2
	6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no		2VBS	2PZS	3PZS
	6.4	Battery voltage, nominal capacity K5	V / Ah	160	210	350
	6.5	Battery weight	kg	150	215	285
	6.6	Energy consumption acc. to VDI cycle	kWh/h	0.44	0.39	0.92
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)	67	69	65



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