

PT 16L / PT 20L / PT 25L

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 (PT 16L) 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.



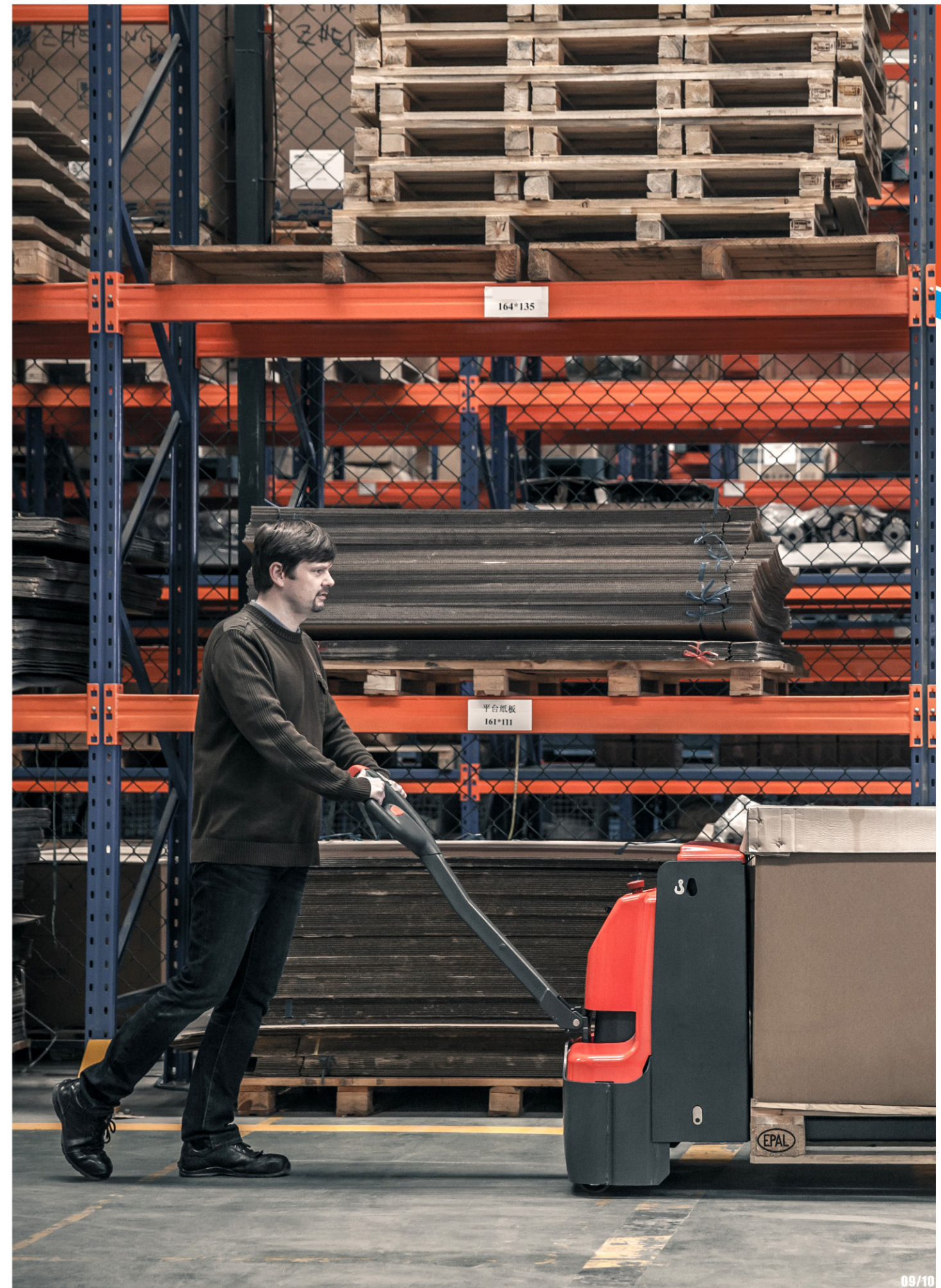
PT 16L

Top brand qualified components

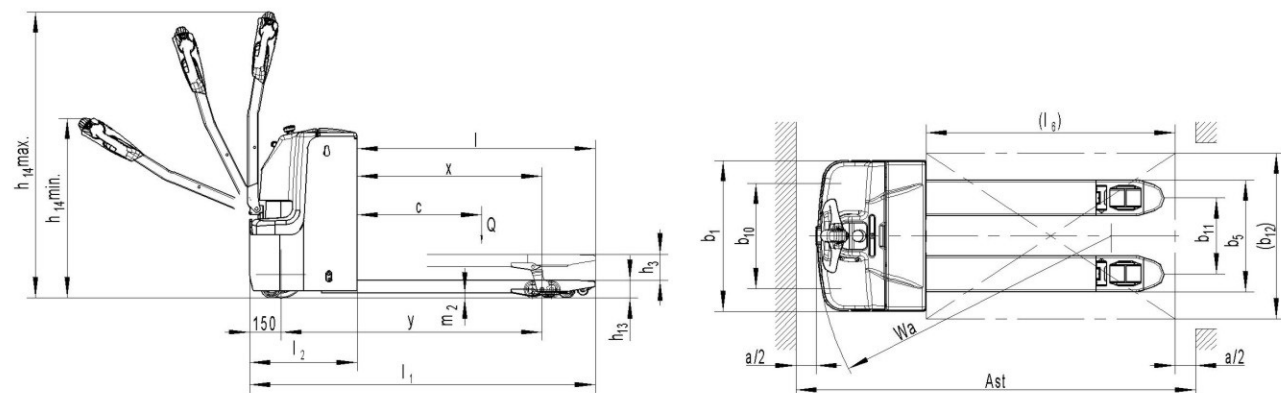
Using high quality core components:

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

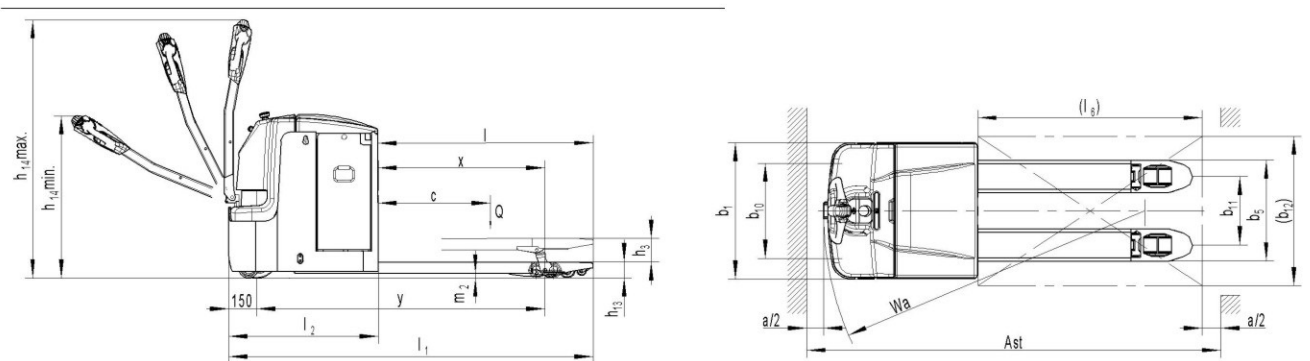
The used parts reduce high service costs and give you the performance and reliability which is required for the most demanding harsh loading- and unloading operations.



PT 16/20L



PT 25L



Ttype sheet for industrial truck acc. to VDI 2198 1KG=2.2LB 1INCH=25.4MM

		PT 16L	PT 20L	PT 25L		
Distinguishing mark	1.2	Manufacturer's type designation	PT 16L	PT 20L		
	1.3	Power (battery ,diesel, petrol, gas, manual)		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	
Weight	1.9	Wheelbase	Y(mm)	1261	1327	1541
	2.1	Service weight	kg	445	535	720
	2.2	Axle loading, laden front/rear	kg	715/1330	855/1680	1040/2200
Tires, chassis	2.3	Axle loading, unladen front/rear	kg	345/100	415/120	540/200
	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	Track, front	b10mm	510		
Dimensions	3.7	Track, rear	b11 (mm)	367/512		
	4.4	Lift height	h3 (mm)	125		
	4.9	Height of tiller in drive position min./ max.	h14mm	850/1385		
	4.15	Height, lowered t	h13mm	85		
	4.19	Overall length	l1mm	1670	1735	1950
	4.20	Length to face of forks	l2mm	520	595	810
	4.21	Overall width	b1mm	729		
	4.22	Fork dimensions	s/e/l (mm)	60/173/1150		
	4.25	Distance between fork-arms	b5 (mm)	540/685		
	4.32	Ground clearance, centre of wheelbase	m2mm	25		
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	1885	1955	2175
Performance	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	1935	2005	2225
	4.35	Turning radius	Wa (mm)	1440	1490	1750
	5.1	Travel speed, laden/ unladen	km/h	5.7/6.0		
	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		
	Motors	6.1	Drive motor rating S2 60min	kW	1.3	1.7
6.2		Lift motor rating at S3 4.5%	kW	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 (minimum)	kg	150	215	285
6.6		Energy consumption acc: to VDI cycle	KWh/h	0.44	0.39	0.92
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	