PT E20

Robust-economic Solution for Medium Applications

INTRODUCTION

The PT E20 bridges the gap between low-duty and high duty applications.

The truck is the perfect choice if robustness needs to be combined with economics in combination with the request of traction batteries.

ADVANTAGES

- Combines economy and robustness.
- Noblelift AC- drive system.
- Reliable drive- and fork chassis with steel enclosures.
- Open battery compartment for traction as well as for maintenance free-semi traction batteries.
- Proofed components from international brands.

Ergonomic tiller
The ergonomic tiller can be easily operated with either hand . Crawl speed button assist to operate safe in tight areas.

AC drive technology
AC drive system for more power, better energy consumption as well as for low maintenance costs.

Control elements
Key-switch, emergency switch and battery discharge indicator.

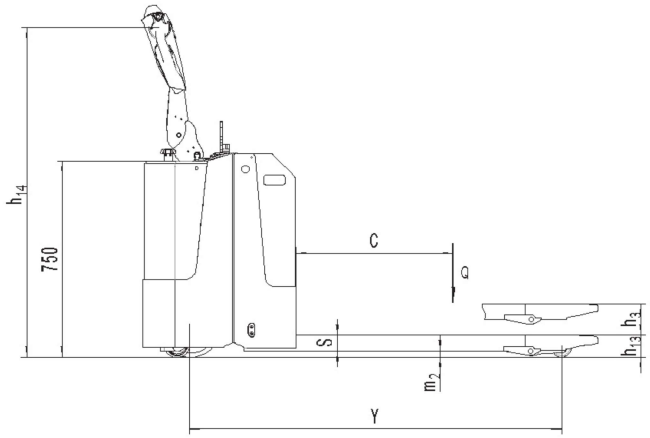
Open battery compartment
The solid open battery compartment ensures easy maintenance.

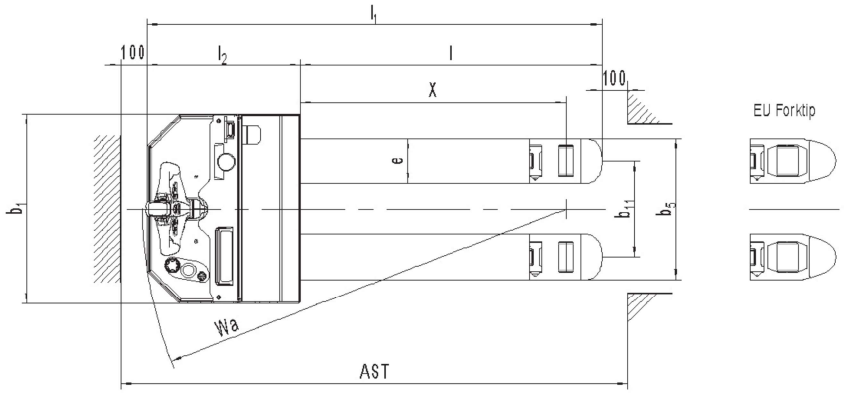
Powerful batteries
Liquid acid traction batteries and optional maintenance free- semi traction batteries. (Optional with metal enclosure)

US Tailored Battery Compartment
7.9" US tailored battery compartment for 7.5" battery pack or smaller industrial batteries.

Typical US-Version fork
Optional typical US-tailored fork-chassis with short fork overhang.

Foldable protection
Foldable platform optional available.





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

Distinguishing mark	1.2	Manufacturer`s type designation		PT E20	PT E20 US
	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)	965	1083
	1.9	Wheelbase	Y (mm)	1372	1490
Weight	2.1	Service weight	kg	470	
	2.2	Axle loading, laden front/rear	kg	920/1550	1043/1427
	2.3	Axle loading, unladen front/rear	kg	388/82	394/76
Tyres, chassis	3.1	Tires		Polyurethane (PU)	
	3.2	Tire size, front	Øx w (mm)	Ø252×88	
	3.3	Tire size, rear	Øx w (mm)	Ø84×85	Ø82×110
	3.4	Additional wheels(dimensions)	Øx w (mm)	Ø100×40	
	3.5	Wheels,number front/ rear(x=driven wheels)		1x +2/2;+2/4	1x +-/2;+2/2
	3.6	Tread, front	b10 (mm)	500	
	3.7	Tread, rear	b11 (mm)	367/512	
Dimensions	4.4	Lift	h3 (mm)	120	
	4.9	Height of tiller in drive position min./ max.	h14 (mm)	900/1260	
	4.15	Height, lowered	h13 (mm)	85	83
	4.19	Overall length	l1 (mm)	1736	1806
	4.20	Length to face of forks	l2 (mm)	587	
	4.21	Overall width	b1 (mm)	729	
	4.22	Fork dimensions	s/e/l (mm)	60/173/1150	60/173/1220
	4.25	Distance between fork- arms	b5 (mm)	540/685	
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	25	23
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2234	2303
	4.35	Turning radius	Wa (mm)	1570	1686
Performance data	5.1	Travel speed, laden/ unladen	km/h	6.0 /6.0	
	5.2	Lift speed, laden/ unladen	m/s	0.02/0.04	
	5.3	Lowering speed, laden/ unladen	m/s	0.03/0.03	
	5.8	Max. gradeability, laden/ unladen	%	6/10	
	5.10	Service brake		Electromagnetic	
Electric- engine	6.1	Drive motor rating S2 60min	kW	1.3	
	6.2	Lift motor rating at S3 15%	kW	0.8	
	6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no		No,3VBS	
	6.4	Battery voltage, nominal capacity K5	V/ Ah	24V/165Ah	
	6.5	Battery weight	kg	160	
	6.6	Energy consumption acc. to VDI cycle	kWh/h	0.9	
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)	69	