

**PPT 27****PPT36****PPT 27 & PPT36**

**The Electric End Rider  
Pallet Truck Built for the  
most Demanding  
Warehouse Applications**

**INTRODUCTION**

The electric End Rider Pallet Truck PPT 27/36 (capacity 6000 lbs / 8000 lbs) is designed to withstand the most demanding applications in order- picking, wide range of warehouse applications as well as for loading dock operations. The truck combines best durability with high efficiency and performance. The PPT 27/36's high speed can ensure more pallet operations in less time than others and saves labor costs. One of the best trucks on the market.

**ADVANTAGES**

- Efficiency, Durability, Performance (EDP) ensured by German engineering  
Powerful German heavy duty AC drive unit.
- One of the fastest trucks in the market. Robust and reliable ergonomic Rider-tiller with cast metal.
- High quality brand components  
Strong forks designed for single ( 6000 lbs) and double ( 8000 lbs) pallet transport.





#### Generous platform

The roomy platform ensures operator comfort throughout the day.



#### Backrest

Heavy duty load backrest with a tilt down design to facilitate battery change out. Optional battery rollers provides easier battery change out.



#### US Tailored Open Battery Compartment

13.8" US tailored open battery compartment ready for wide range of industrial batteries, flexible for different battery dimensions.



#### Tray

The optional available tray gives the right place for your work equipment.



#### Ergonomic robust German tiller

The operator friendly robust metal casted German tiller provides maximum of ergonomics and safety in riding- as well as in walking mode.



#### Jog Button

Jog button on the tiller allows operator to walk beside the truck. Additional sidetracker for travelling in tiller direction to increase productivity in order picking operations. The coast mode allows slowly coasting.



#### Grab bar with electronic controls

All control elements ensure safety and productivity. They are well ergonomically placed to make operations effortless. The coated grab bar keeps you safe during the hole day.



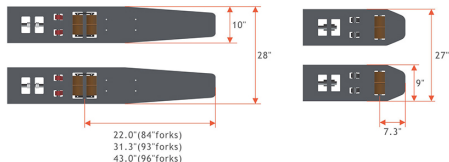


Standard Fork Tip								Extended Fork Tip		
Nominal Fork Length	in	36.0	42.0	48.0	54.0	60.0	66.0	84.0	93.0	96.0
Actual Fork Length	in	35.7	41.7	47.8	53.7	59.7	65.7	83.7	92.8	95.7
Overall Length	in	79.8	85.8	91.8	97.8	103.8	109.8	127.8	136.8	139.8
Wheelbase(raised)	in	51.4	57.4	63.5	69.5	75.5	81.5	83.9	83.9	83.9
Load Wheel Distance	in	28.4	34.4	40.5	46.4	52.4	58.4	61.7	61.5	61.7
Fork Tip Length	in	7.3	7.3	7.3	7.3	7.3	7.3	22.0	31.3	34.0
Turning Radius(raised)	in	72.3	78.3	84.4	90.4	96.4	102.4	104.7	104.7	104.7
Fork Width	in			9.0				10.0		



#### Durability and Functionality

One of the strongest and most solid chassis in the market, the best solution for the toughest application in the market! The easy fork adjustment as well as access to the main components ensures excellent serviceability. The rigid strength of the forks provides maximum durability.



Type sheet for industrial truck acc. to VDI 2198				HGS-2.218 HGS-25.4MM	
Distinguishing mark	1.2	Manufacturer's type designation		PPT27	PPT34
	1.3	Power (battery, diesel, petrol, gas, manual)		Battery	Battery
	1.4	Operator type		walkie/ride-on	walkie/ride-on
	1.5	Load Capacity / rated load	Q (lbs)	6030	8300
	1.6	Load centre distance	c (in)	24	48
	1.8	Load distance, centre of drive axle to fork	x (in)	40.5	61.7
Weight	1.9	Wheelbase	y (in)	63.6	83.9
	2.1	Service weight	lbs	2330	2465
	2.2	Asle loading, laden front/rear	lbs	3100/5260	2860/5544
Tyres, chassis	2.3	Asle loading, unladen front/rear	lbs	1870/550	2024/440
	3.1	Tires		Polyurethane (PU)	Polyurethane (PU)
	3.2	Tire size, front	Øxw (in)	Ø12.2 x 4.13	Ø12.2 x 4.13
	3.3	Tire size, rear	Øxw (in)	Ø3.3 x 2.2	Ø3.3 x 2.76
	3.4	Additional wheel(s) dimensions	Øxw (in)	Ø4.9 x 2.4	Ø4.9 x 2.4
	3.5	Wheel(s) number front / rear (x-driven wheels)		1 x 214	1 x 218
Dimensions	3.6	Tread, front	b10 (in)	36.8	36.8
	3.7	Tread, rear	b11 (in)	12.9/17.9	12.9/17.9
	4.1	Lift	h3 (in)	5.9	5.9
	4.9	Height of siller in drive position min./ max.	h14 (in)	34.6/61	34.6/61
	4.15	Height, lowered	h13 (in)	3.25	3.25
	4.18	Overall length	l1 (in)	91.7	139.8
Performance data	4.20	Length to face of forks	l2 (in)	43	43
	4.21	Overall width	b1 (in)	37/37.8	37/37.8
	4.22	Fork dimensions	s/wt (in)	2.4/9.0/48	2.4/10/96
	4.25	Distance between fork arms	b5 (in)	22/27	23/28
	4.32	Ground clearance, centre of wheelbase	m2 (in)	0.88	0.98
	4.34	Asie width for pallets 40" x 48" longways	As1 (in)	84.5	153.5
Electric-Motor	4.35	Turning radius	Wa (in)	84.4	104.7
	5.1	Travel speed, laden/unladen	mph	6.2/8.7	5.9/7.5
	5.2	Lift speed, laden/unladen	fpm	7.5/9.5	7.5/9.5
	5.3	Lowering speed, laden/unladen	fpm	9.5/9.5	9.5/9.5
	5.8	Max. gradeability, laden/unladen	%	8/15	6/15
	5.10	Service brake		Regenerative	Regenerative
Additional data	6.1	Drive motor rating S2 60min	HP	5.1	5.1
	6.2	Lift motor rating at S3 10%	HP	3	3
	6.3	Battery acc. to DIN 43531/35/38 A, B, C, no		no.5Pz5	no.5Pz5
	6.4	Battery voltage, nominal capacity KS	V/Ah	24/350	24/350
	6.5	Battery weight	lbs	704	704
	6.6	Energy consumption acc. to VDI cycle	kWh/cycle		
Additional data	8.1	Type of drive control		AC- speed control	AC- speed control
	8.4	Sound level at driver's ear acc. to EN 12035	dB(A)	68	68
	8.6	Steering		Mechanical	Mechanical

