

PT 20I

**Electric Pallet Truck
with Mast Lift for Order Picking**

INTRODUCTION



The PT 20I is the ideal choice if transportation operations need to be combined with health friendly order picking operations. The low-lift transportation capacity of max.2000kg is enough to unload delivery lorries and to do picking operations in the warehouse or in the saleroom.

The sideways lifting buttons are ergonomically located nearby the picking area.

AUTHORISED DEALER

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NOBLELIFT

PT 20I

ELECTRIC PALLET TRUCK WITH MAST LIFT FOR ORDER PICKING 2000KG

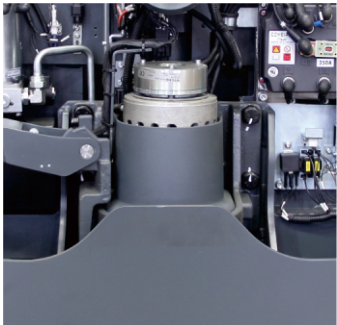


ADVANTAGES

- Powered pallet truck with additional ergonomic picking
- AC drive system
- Long tiller for easy and ergonomic operations
- Slow-speed button for safe operations in narrow spaces

Ttype sheet for industrial truck acc. to VDI 2198 1KG=2.2LB 1INCH=25.4MM					
Distinguishing mark	1.2	Manufacturer`s type designation		PT 20I	
	1.3	Drive		Battery	
	1.4	Operator type		Pedestrian	
	1.5	Load capacity / rated load	Q (t)	2.0	
		Load capacity at mast lift	Q (t)	1.0 ¹⁾	
		Load capacity at support arm lift	Q (t)	2.0 ¹⁾	
	1.6	Load center distance	C (mm)	600	
	1.8	Load distance ,centre of drive axle to fork	X (mm)	916	
	1.9	Wheelbase	Y (mm)	1386	1557
Weight	2.1	Service weight	kg	656	855
	2.2	Axle loading, laden front/rear	kg	765/1891	845/2010
	2.3	Axle loading, unladen front/ rear	kg	476/180	612/243
Tires, chassis	3.1	Tires		Polyurethane (PU)	
	3.2	Tire size, front	Φ x w (mm)	Φ 230 x70	
	3.3	Tire size, rear	Φ x w (mm)	Φ 80x70	
	3.4	Additional wheels(dimensions)	Φ x w (mm)	Φ 100x40	
	3.5	Wheels, number front/ rear(x=driven wheels)		1x+2/4	
	3.6	Tread, front	b10 (mm)	510	
	3.7	Tread, rear	b11 (mm)	380	
Dimensions	4.2	Lowered mast height	h1 (mm)	950	855
	4.4	lift	h3 (mm)	550	
	4.5	Extended maximal height	h4 (mm)	1717	1558
	4.6	Initial lift	h5 (mm)	120	
	4.9	Height of tiller in drive position min./ max.	h14 (mm)	820/1335	
	4.15	Height, lowered	h13 (mm)	88	
	4.19	Overall length	l1 (mm)	1770	1940
	4.20	Length to face of forks	l2 (mm)	620	790
	4.21	Overall width	b1 (mm)	729	
	4.22	Fork dimensions	s/e/l (mm)	60 / 180 / 1150	
	4.25	Distance between fork- arms	b5 (mm)	560	
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	28	
	4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)	1970	2041
Performance	5.1	Travel speed, laden/ unladen	km/h	6.0/ 6.0	
	5.2	Lift speed, laden/ unladen	mm/s	95/ 150	85/140
	5.3	Lowering speed, laden/ unladen	mm/s	90/ 70	80/65
	5.8	Max. gradeability, laden/ unladen	%	8/ 20	
	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 10%	kW	1.2	2.2
	6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no		No, 2VBS	No, 3VBS
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/ 160	24/ 210
	6.5	Battery weight	kg	150	185
	6.6	Energy consumption acc. to VDI cycle	kWh/h	1.0	
Addition data	8.1	Type of drive control		AC- speed control	
	8.4	Sound level at driver`s ear acc. to EN 12053	dB(A)	<70	

1) in double-deck operation: mast lift 1.0t, support arm lift 1.0t



Core Components from Top Quality Brands
German KORDEL gear box, INTORQ Brake, WICK drive wheel, Italian ZAPI Controller ensure the high performance, efficiency and stability, at the same time reduce the running costs .



Mast Lift
Additional healthy-friendly mast lift height up to 800mm with lift capacity 1000kg, ideal for trailer unloading, short distance material transportation and factory assembly line.



Static design of the hydraulic system
More reliable hydraulic system because of no moving parts when lifting or lowering.



Robust and Reliable Design
The robust chassis with the strong 8mm thick apron and the metal battery cover protects the truck and the components against mechanical impacts from the outside.

CAN-BUS



Long Tiller Design
Ergonomically designed long tiller allows comfortable and efficient operation, and at the same time safety for the operator by keeping a safe distance.

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