TM 22

Electric pallet truck with low and compact shape

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MINIMUM OVERALL DIMENSIONS, MAXIMUM PERFORMANCE AND VISIBILITY

Tiller arm and relevant drive wheel placed in the central part of the pallet truck ensure the operator the maximum benefits in terms of:

- **safety**
- **stability**
- **manoeuvrability** (steering angle 200°)

The spring loaded steering system allows to keep a constant contact of the drive wheel with the floor, excellent stability of the pallet truck and a minimum steering effort even when the pallet truck is fully loaded.

Brushless traction motor with AC technology allows excellent efficiency and speed control on flat surfaces, uphill and downhill, and minor maintenance interventions. Maximum battery life and efficiency. Button for slow functions.

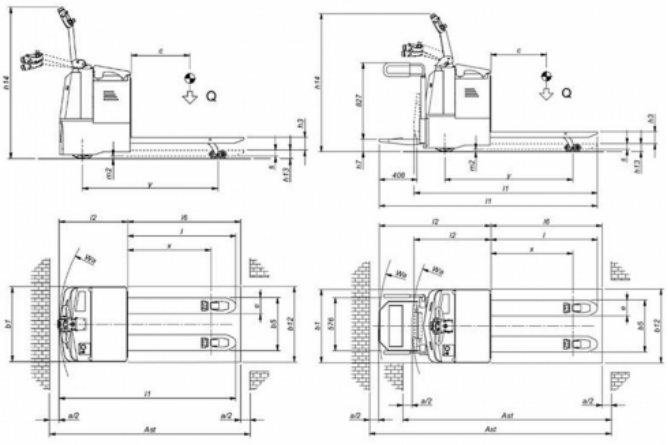
✓ **LOAD CAPACITY 2.200 KG**

✓ **SPECIAL DIMENSIONS UPON REQUEST**

SOME OPTIONALS

- OPERATOR TRANSPORT PLATFORM
- METALLIC/GALVANISED VERSION
- SCALE/PRINTER
- ELECTRIC STEERING
- LITHIUM BATTERY
- USE IN COLD STORE

Type	Power pallet trucks	**Class**	Power pallet trucks for intensive use and heavy loads
Load capacity (Kg)	2200	**Lifting capacity (mm)**	130



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Carachteristics

	1.1	Manufacturer			SAMAG	
	1.2	Manufacturer's type designation			TM 22	TM 22 P.O.
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas			Battery	
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker			pedestrian	seated
Characteristics	1.5	Load capacity/rated load	Q	t	2,2	
	1.6	Load centre distance	C	mm	600	
	1.8	Load distance, centre of drive axle to fork	x	mm	883 (2)	
	1.9	Wheelbase	Y	mm	1381 (2)	
Weight	2.1	Service weight (battery included)		Kg	780	795 (3)
	2.2	Axle loading, laden (front / rear)		Kg	1071 / 1869	1076 / 1859 (3)
	2.3	Axle loading, unladen (front / rear)		Kg	625 / 160	630 / 150 (3)
Wheels and frame	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane			Solid rubber	Vulkollan
	3.2	Tyre size, front		mm	310 x 90 / 125 x 50	
	3.3	Tyre size, rear		mm	85x70	
	3.5	Wheels, number front rear (x = driven wheels)			1X + 4/2	
	3.6	Tread, front	b10	mm	588	
	3.7	Tread, rear	b11	mm	390	
Dimensions	4.4	Lift	h3	mm	130	
	4.8	Seat height / stand height	h7	mm	135	135
	4.9	Height of tiller in drive position (min. / max.)	h14	mm	1075 / 1540	
	4.15	Height of forks from ground	h13	mm	85	
	4.19	Overall length	l1	mm	1875	1980 / 2355 (1)
	4.20	Lenght of face of forks	l2	mm	725	830 / 1205 (1)
	4.21	Overall width	b1/b2	mm	790	
	4.22	Fork dimensions	slell	mm	60 x 170 x 1150	
	4.25	External fork widths	b5	mm	560	
	4.32	Ground clearance, centre of wheelbase	m2	mm	25	
	4.34	Aisle width for pallets 800 x 1200 crossways	Ast	mm	2125	2250 - 2610 (1)
	4.35	Turning radius	Wa	mm	1610 (1)	1735 / 2095 (1)(2)
Performance	5.1	Travel speed (laden / unladen)		Km/h	6 / 6	6 / 6 - 10,5 / 11 (1)
	5.2	Lift speed (laden / unladen)		m/s	0,02 / 0,07	
	5.3	Lowering speed (laden / unladen)		m/s	0,11 / 0,05	
	5.7	Gradeability (laden / unladen)		%	---	
	5.8	Max. gradeability (laden / unladen)		%	5 / 17	
Electric motor	6.1	Traction motor, power KB 60'		KW	2 AC	
	6.2	Lifting motor, performance 15% ED		KW	2	
		Steering motor		KW	---	
	6.3	Battery DIN 43531/35/36 A, B, C,			yes	
	6.4	Tension / nominal capacity		V / Ah	24/320	
	6.5	Battery weight (± 5%)		Kg	265	
Other data	8.4	Sound level at the driver's ear according to DIN 10 053		dB/(A)	<70	

Ast includes "a" (manoeuvring space) = 200 mm
(1) The first value indicates closed plattform, second lowered for transporting operator
(2) With forks in rest position, it increases to 92 mm
(3) Values without operator