

TM 40 - TM 50

Electric pallet truck for handling of heavy loads



STABILITY AND MANOEVRABILITY

TM 40 and TM 50 by Samag are the electric pallet trucks designed for handling of heavy loads.

STRENGTHS:

- **Ergonomic push-button control box** and button for **slow functions**
- Tiller arm and relevant drive wheel placed in the central part of the **pallet truck** ensure the operator: **safety, stability, manoeuvrability** (steering angle 200°) and **robustness**
- **Powerful brushless electric traction motor** with excellent efficiency, **AC technology** and **CAN-bus technology**, that allows speed control on flat surfaces, uphill and downhill, and **minor maintenance interventions**
- Spring loaded steering system that keeps a **constant contact** of the drive wheel with the floor, ensuring **excellent stability** of the **truck** and a **minimum steering effort** even when the pallet truck is fully loaded.

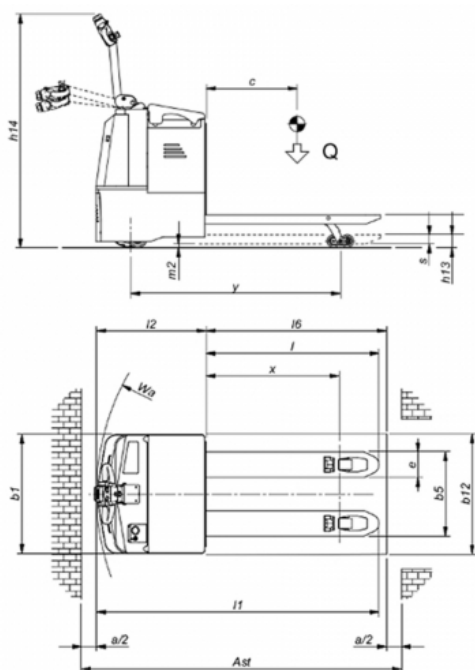
✓ **LOAD CAPACITY 4.000 KG AND 5.000 KG**

✓ **SPECIAL DIMENSIONS UPON REQUEST**

SOME OPTIONALS

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

Type	Power pallet trucks	Class	Power pallet trucks for intensive use and heavy loads
Load capacity (Kg)	5000	Lifting capacity (mm)	130



Carachteristics

	1.1	Manufacturer			SAMAG	
Characteristics	1.2	Manufacturer's type designation			TM 40	TM 50
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas			Battery	Battery
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker			pedestrian	pedestrian
	1.5	Load capacity/rated load	Q	t	4	5
	1.6	Load centre distance	C	mm	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	874 (1)	874 (1)
	1.9	Wheelbase	Y	mm	1383 (1)	1383 (1)
Weight	2.1	Service weight (battery included)		Kg	830	830
	2.2	Axle loading, laden (front / rear)		Kg	1460 / 3370	1660 / 4170
	2.3	Axle loading, unladen (front / rear)		Kg	670 / 160	670 / 160
Wheels and frame	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane			Gomma	Gomma
	3.2	Tyre size, front		mm	310 x 90 / 150 x 50	310 x 90 / 150 x 50
	3.3	Tyre size, rear		mm	85x70	85x70
	3.5	Wheels, number front rear (x = driven wheels)			1X + 4/4	1X + 4/4
	3.6	Tread, front	b10	mm	673	673
	3.7	Tread, rear	b11	mm	380	380
	4.4	Lift	h3	mm	130	130
Dimensions	4.8	Seat height / stand height	h7	mm	135	135
	4.9	Height of tiller in drive position (min. / max.)	h14	mm	1150 / 1395	1150 / 1395
	4.15	Height of forks from ground	h13	mm	85	85
	4.19	Overall length	l1	mm	1887	1887
	4.20	Lenght of face of forks	l2	mm	737	737
	4.21	Overall width	b1/b2	mm	845	845
	4.22	Fork dimensions	sl1ell	mm	70 x 180 x 1150	70 x 200 x 1150
	4.25	External fork widths	b5	mm	560	570
	4.32	Ground clearance, centre of wheelbase	m2	mm	15	15
	4.34	Aisle width for pallets 800 x 1200 crossways	Ast	mm	2137	2137
	4.35	Turning radius	Wa	mm	1611	1611
Performance	5.1	Travel speed (laden / unladen)		Km/h	5 / 5	5 / 5
	5.2	Lift speed (laden / unladen)		m/s	0,02 / 0,07	0,02 / 0,07
	5.3	Lowering speed (laden / unladen)		m/s	0,11 / 0,05	0,11 / 0,05
	5.7	Gradeability (laden / unladen)		%	---	---
	5.8	Max. gradeability (laden / unladen)		%	5 / 17	4 / 17
Electric motor	6.1	Traction motor, power KB 60'		KW	2 AC	2 AC
	6.2	Lifting motor, performance 15% ED		KW	2,2	2,2
		Steering motor		KW	---	---
	6.3	Battery DIN 43531/35/36 A, B, C,			yes	yes
	6.4	Tension / nominal capacity		V / Ah	24/320	24/320
	6.5	Battery weight (± 5%)		Kg	256	256
	6.6	Energy consumption according To VDI cycle		kWh/h	-	-
Other data	8.4	Sound level at the driver's ear according to DIN 10 053		dB/(A)	<70	<70

Ast includes "a" (manoeuvring space) = 200 mm
(1) With forks in rest position, it increases to 92 mm