TM30-TM40

Light-weight with full load.

Maximum stability.

Electric pallet truck to handle heavy loads

samag®
FACILE TRASPORTARE.

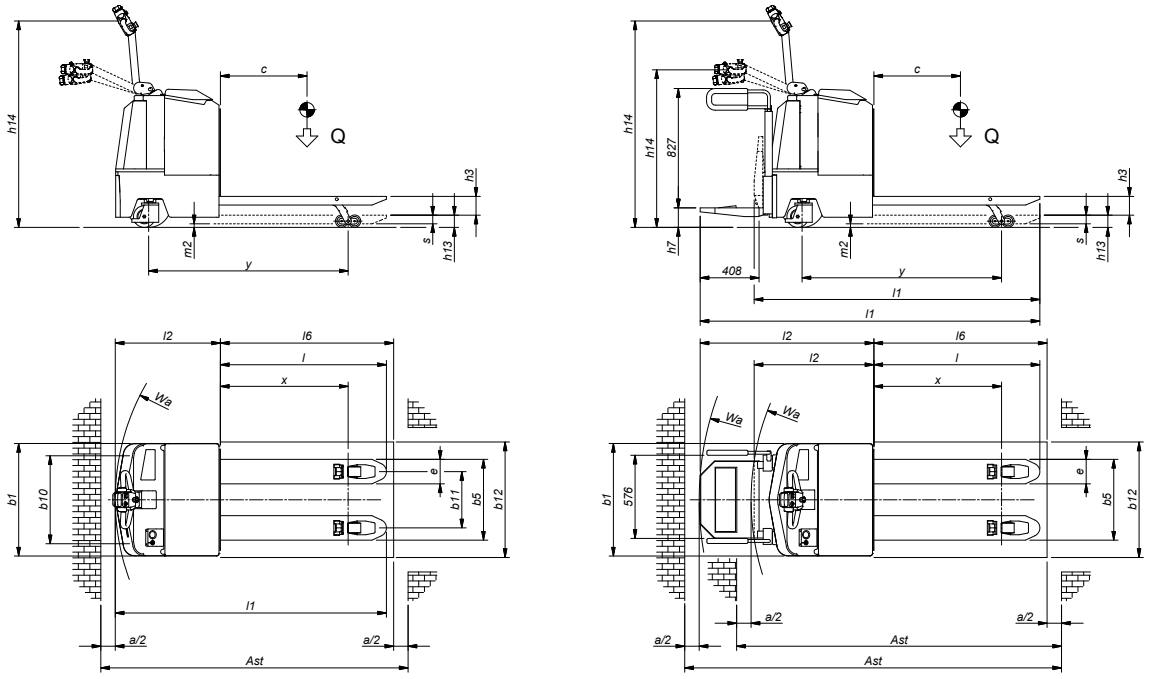
SUPER LIGHT

SAMAG products and brochure specifications are subject to change without notice.

Distinguishing mark	1.1	Manufacturer			SAMAG	SAMAG	SAMAG	SAMAG
	1.2	Manufacturer's type designation			TM 30	TM 30 PO	TM 40	TM 40 PO
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas			Battery	Battery	Battery	Battery
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker			Pedestrian	Stand-on	Pedestrian	Stand-on
	1.5	load capacity/rated load	Q	t	3,0	3,0	4,0	4,0
	1.6	Load centre distance	C	mm	600	600	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	874 (2)	874 (2)	874 (2)	874 (2)
	1.9	Wheelbase	Y	mm	1383 (2)	1383 (2)	1383 (2)	1383 (2)
Weight	2.1	Service weight		Kg	830	950 (3)	910	990 (3)
	2.2	Axle loading, laden (front / rear)		Kg	1270 / 2580	1350 / 2600 (3)	1270 / 2580	1350 / 2600 (3)
	2.3	Axle loading, unladen (front / rear)		Kg	670 / 160	760 / 190 (3)	670 / 160	760 / 190 (3)
Tyres, chassis	3.1	Tyres: solid rubber, superelastic, pneumatic, polyureth.			Vulkollan	Vulkollan	Vulkollan	Vulkollan
	3.2	Tyre size, front		mm	310x90 / 150x50	310x90 / 150x50	310x90 / 150x50	310x90 / 150x50
	3.3	Tyre size, rear		mm	85x70	85x70	85x70	85x70
	3.5	Wheels, number front rear (x = driven wheels)			1X + 4/4	1X + 4/4	1X + 4/4	1X + 4/4
	3.6	Tread, front	b_{10}	mm	673	673	673	673
	3.7	Tread, rear	b_{11}	mm	390	390	390	390
Dimensions	4.4	Lift	h_3	mm	130	130	130	130
	4.8	Seat height/stand height	h_7	mm	135	135	135	135
	4.9	Height of tiller in drive position (min. / max.)	h_{14}	mm	1150 / 1395	1150 / 1395	1150 / 1395	1150 / 1395
	4.15	Height of forks from ground	h_{13}	mm	85	85	85	85
	4.19	Overall length	l_1	mm	1887	1991 / 2365 (1)	1887	1991 / 2365 (1)
	4.20	Lenght of face of forks	l_2	mm	737	841 - 1215 (1)	737	841 - 1215 (1)
	4.21	Overall width	b_1 / b_2	mm	845	845	845	845
	4.22	Fork dimensions	slell	mm	60 / 180 / 1150	60 / 180 / 1150	60 / 180 / 1150	60 / 180 / 1150
	4.25	External fork widths	b_5	mm	560	560	560	560
	4.32	Ground clearance, centre of wheelbase	m_2	mm	25	25	25	25
	4.34	Aisle width for pallets 800 x 1200 crossways	A_{st}	mm	2137	2262 - 2622 (1)	2137	2262 - 2622 (1)
	4.35	Turning radius	Wa	mm	1611 (1)	1736 / 2095 (1)(2)	1611 (1)	1736 / 2095 (1)(2)
Performance data	5.1	Travel speed (laden / unladen)		Km/h	5 / 5,7	5 / 5,7 - 7,8 / 10,5 (1)	4 / 5,5	4 / 5,5 - 6,8 / 10,3 (1)
	5.2	lift speed (laden / unladen)		m/s	0,02 / 0,07	0,02 / 0,07	0,02 / 0,07	0,02 / 0,07
	5.3	Lowering speed (laden / unladen)		m/s	0,11 / 0,05	0,11 / 0,05	0,11 / 0,05	0,11 / 0,05
	5.7	Gradeability (laden / unladen)		%	-	-	-	-
	5.8	Max. gradeability (laden / unladen)		%	7 / 17	7 / 17	7 / 17	7 / 17
Electric - engine	6.1	Traction motor, power KB 60'		KW	1,5 AC	1,5 AC	1,5 AC	1,5 AC
	6.2	Lifting motor, performance 15% ED		KW	1,5	1,5	1,5	1,5
		Steering motor		KW	-	-	-	-
	6.3	Battery DIN 43531/35/36 A, B, C,			yes	yes	yes	yes
	6.4	Tension / nominal capacity		V / Ah	24 / 320	24 / 320	24 / 320	24 / 320
	6.5	Battery weight (+- 5%)		Kg	265	265	265	265
	6.6	Energy consumption acc. To VDI cycle		kWh/h	-	-	-	-
	8.4	Sound level at the driver's ear according to DIN 10 053		dB/(A)	< 70	< 70	< 70	< 70

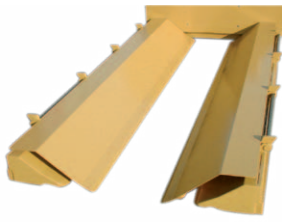
Tiller arm and relative drive wheel fitted in the central part of the truck, ensure the greatest advantages to the operator for:
- safety
- stability
-manoeuvrability
(200° steering radius)
The spring loaded steering enables you to maintain constant contact of the drive wheel to the ground, excellent truck stability and use minimum steering effort even when the truck has a full load.
TRACTION MOTOR without brushes, with AC technology that give excellent performance levels and speed control on flat surfaces, in ascent and descent, and less maintenance interventions.
MAXIMUM AUTONOMY and PERFORMANCE of the battery
Slow functions button.
Special dimensions on request

Ast includes “a” (manoeuvring space) = 200 mm
1) The first value indicates platform closed, the second platform lowered for operator transport.
2) With forks in rest position, value increases by 92 mm
3) Values without operator
4) Fast motor



Version with operator platform

loading platform version



Reel carrier version

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