

TOP 220

Ride-on electric pallet truck with standing operator for intensive use and vehicle loading/unloading



WORKING RELENTLESSLY

TOP 220 by Samag is the ride-on electric pallet truck with standing operator for intensive use and vehicle loading/unloading operations.

STRENGTHS:

- All operating controls placed on the **dashboard**
- **Graphic display** indicating **truck functions** and drive wheel position
- Button-operated ignition and confirmation with **PIN code**
- **3 selectable performance** levels: P1 – P2 – P3
- **Electronic AC traction** and steering control, with **CAN-BUS** connection system
- **360° steering angle** (180° upon request) with proportional reduction of travelling speed

✓ **LOAD CAPACITY UP TO 2.200 KG**

✓ **SPECIAL DIMENSIONS UPON REQUEST**

✓ **WIDE CHOICE OF ACCESSORIES**

SOME OPTIONALS



OPERATOR TRANSPORT PLATFORM



METALLIC/GALVANISED VERSION



LITHIUM BATTERY

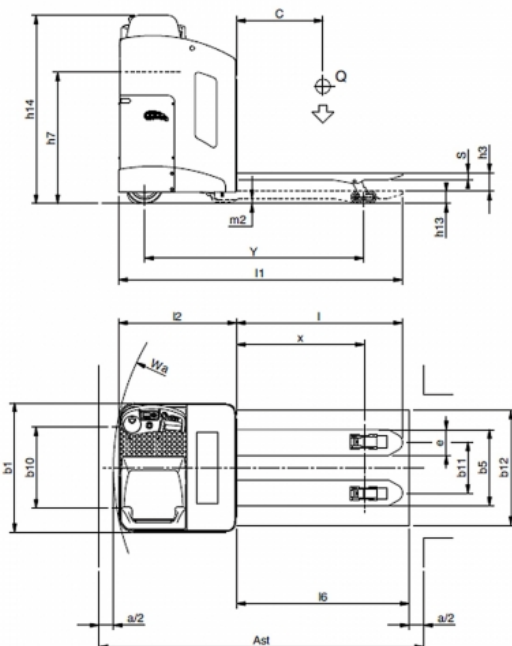


SCALE/PRINTER



USE IN COLD STORE

Type	Power pallet trucks	Class	Ride-on power pallet trucks for intensive use and high load capacity
Load capacity (Kg)	2200	Lifting capacity (mm)	130



Characteristics

	1.1	Manufacturer			SAMAG
Characteristics	1.2	Manufacturer's type designation			TOP 220
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas			Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker			Seduto
	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	882 (1)
	1.9	Wheelbase con forche sollevate	Y	mm	1520 (1)
Weight	2.1	Service weight (± 5% - battery included)		Kg	840 (2)
	2.2	Axle loading, laden (front / rear)		Kg	1048 / 1992 (3)
	2.3	Axle loading, unladen (front / rear)		Kg	640 / 200 (4)
Wheels and frame	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane			Vulkollan
	3.2	Tyre size, front		mm	260 x 85 / 150 x 50
	3.3	Tyre size, rear		mm	85x70
	3.5	Wheels, number front rear (x = driven wheels)			1X / 2-4
	3.6	Tread, front	b10	mm	573
	3.7	Tread, rear	b11	mm	350 / 470
	Dimensions	4.4	Lift	h3	mm
4.8		Seat height / stand height	h7	mm	925
4.9		Height of tiller in drive position (min. / max.)	h14	mm	1330
4.15		Height of forks from ground	h13	mm	85
4.19		Overall length	l1	mm	1970
4.20		Length of face of forks	l2	mm	820
4.21		Overall width	b1/b2	mm	900
4.22		Fork dimensions	sl/ell	mm	50 / 180 / 1150
4.25		External fork widths	b5	mm	530 / 650
4.32		Ground clearance, centre of wheelbase	m2	mm	35
4.34		Aisle width for pallets 800 x 1200 crossways	Ast	mm	2256
4.35	Turning radius	Wa	mm	1738	
Performance	5.1	Travel speed (laden / unladen)		Km/h	10 / 11
	5.2	Lift speed (laden / unladen)		m/s	0,04 / 0,06
	5.3	Lowering speed (laden / unladen)		m/s	0,05 / 0,05
	5.7	Pendenza superabile KB 30° (con / senza carico)		%	0
	5.8	Max. gradeability (laden / unladen)		%	8 / 17
	5.9	Tempo di accelerazione con / senza carico		s	6,7 / 4,5
	5.10	Service brake			Electric
Electric motor	6.1	Traction motor, power KB 60'		KW	2 AC
	6.2	Lifting motor, performance 15% ED		KW	2
		Steering motor		KW	0,3 AC
	6.3	Battery DIN 43531/35/36 A, B, C,			yes
	6.4	Tension / nominal capacity		V / Ah	24 / 315 (5) - 500
	6.5	Battery weight (± 5%)		Kg	261-380
Other data	6.6	Energy consumption according To VDI cycle		KWh/h	-
	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) With forks in rest position = + 64 mm
 (2) With battery 375 Ah and forks 530x1150
 (3) With operator aboard and lifted forks
 (4) With forks in rest position
 (5) Lateral extraction