

# MAX 1

Order picker truck for quick and comfortable low and medium picking operations with fixed forks



MAX 1 by Samag is an order picker truck, available with lifting capacity from 1.200 mm to 1.800 mm from operator foot (maximum picking height 3.300 mm) particularly suitable for quick and comfortable low and medium picking operations with fixed forks.

## NEW DRIVING ERGONOMICS

- **Electronic AC traction** and steering control connected via **CAN-bus**
- **180° steering angle** with progressive travel speed reduction according to the angle and **progressive travel speed reduction** according to the lifting height
- Possibility of choosing **three performance levels**: P1-P2-P3
- **Side access gates to the driver position** with 3 bars to facilitate the operator ascent and descent from the cabin
- Possibility of moving and lifting the **operator position** with side gates open up to 1.200 mm height
- Possibility of **adding accessories** (document holder, bottle holder).

✓ **LOAD CAPACITY UP TO 1.000 KG**

✓ **SPECIAL DIMENSIONS UPON REQUEST**

## SOME OPTIONALS



LITHIUM BATTERY

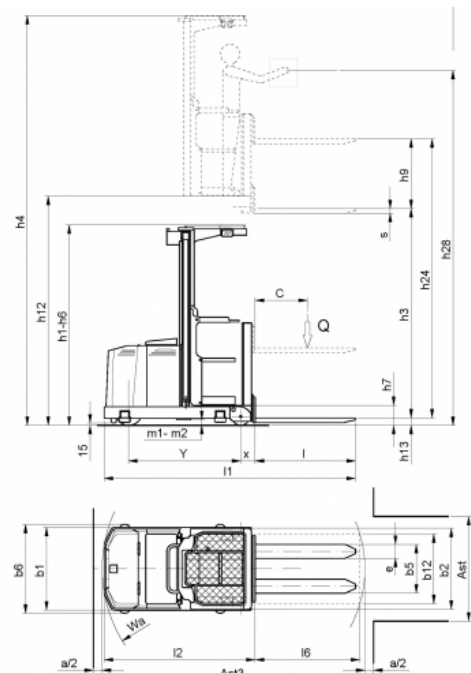
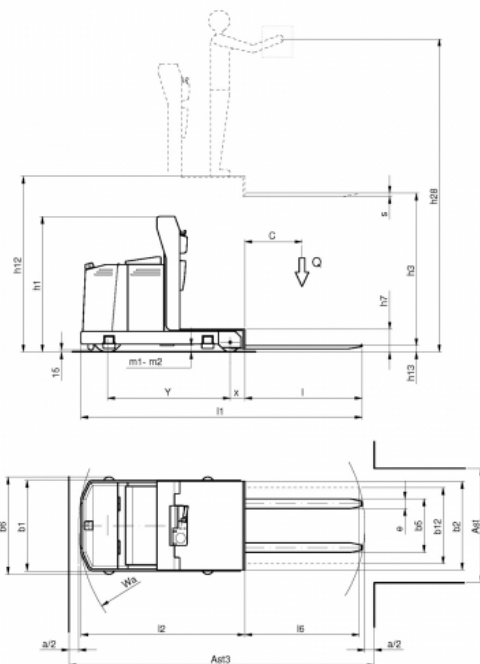


SCALE/PRINTER



USE IN COLD STORE

<b>Type</b>	Order pickers	<b>Class</b>	Ride-on order pickers with operator platform for normal-intensive use
<b>Load capacity (Kg)</b>	1000	<b>Lifting capacity (mm)</b>	1790



### Characteristics

	1.1	Manufacturer	SAMAG				
			MAX 1-ac H1200	MAX 1-ac H1800			
<b>Characteristics</b>	1.2	Manufacturer's type designation					
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Electric			
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		standing			
	1.5	Load capacity/rated load	Q	t	1		
	1.6	Load centre distance	C	mm	600		
	1.8	Load distance, centre of drive axle to fork	x	mm	153		
	1.9	Wheelbase con forche sollevate	Y	mm	1285		
<b>Weight</b>	2.1	Service weight (± 5% - battery included)		Kg	1600 (1)	1790 (1)	
	2.2	Axle loading, laden (front / rear)		Kg	374 / 2316	440 / 2445	
	2.3	Axle loading, unladen (front / rear)		Kg	946 / 654	1115 / 675	
<b>Wheels and frame</b>	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane			Vulkollan		
	3.2	Tyre size, front		mm	310 x 100		
	3.3	Tyre size, rear		mm	200 x 105		
	3.5	Wheels, number front rear (x = driven wheels)			1X - 2		
	3.6	Tread, front	b10	mm	-		
	3.7	Tread, rear	b11	mm	820		
	<b>Dimensions</b>	4.2	Height, mast lowered	h1	mm	1420	2300
4.4		Lift	h3	mm	960	1555	
4.4.1		Total forks lift (h3+h9)	h24	mm	-	-	
4.5		Height, mast extended	h4	mm	-	3855	
4.7		Height of overhead guard (cabin)	h6	mm	-	2300	
4.8		Seat height / stand height	h7	mm	235		
4.11		Additional lift	h9	mm	-		
4.14		Stand height, elevated	h12	mm	1195	1790	
4.14.1		Height forks lowered (h12 + 1600 mm)	h28	mm	2795	3390	
4.15		Height of forks from ground	h13	mm	85		
4.19		Overall length	l1	mm	2548 / 2748 / 2948		
4.20		Length of face of forks	l2	mm	1718		
4.21		Overall width	b1/b2	mm	950 / 930		
4.22		Fork dimensions	sl1ll	mm	35 / 100 / 830-1030-1230		
4.23		Fork carriage DIN 15 173, class/type A,B			Welded fork		
<b>Performance</b>		4.24	Fork - carriage width	b3	mm	-	
		4.25	External fork widths	b5	mm	560 - 650	
	4.27	External width guide rollers	b6	mm	1020		
	4.31	Ground clearance, laden, below mast	m1	mm	65		
	4.32	Ground clearance, centre of wheelbase	m2	mm	65		
	4.34	Aisle width for pallets 800 x 1200 crossways	Ast	mm	(see table)		
	4.35	Turning radius	Wa	mm	1589		
	4.42	Front head aisle with pallet 800x1200 forked	Ast3	mm	(see table)		
	4.46	Width side protection cage	b9	mm	-	955 / 1155 / 1355	
	<b>Electric motor</b>	5.1	Travel speed (laden / unladen)		Km/h	9,5 - 10,5	
5.2		Lift speed (laden / unladen)		m/s	0,12 / 0,16	0,12 / 0,16	
5.3		Lowering speed (con / senza carico)		m/s	0,15 / 0,14	0,22 / 0,17	
5.7		Pendenza superabile KB 30' (con / senza carico)		%	0		
5.8		Max. gradeability (laden / unladen)		%	5		
5.9		Acceleration time (laden / unladen)		s	6,9 / 5,9		
<b>Other data</b>	5.10	Service brake			Electric		
	6.1	Traction motor, power KB 60'		KW	1,5 AC		
	6.2	Lifting motor, performance 15% ED		KW	2,5		
		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 / 450-625		
<b>Other data</b>	6.5	Battery weight (± 5%)		Kg	373-457		
	6.6	Energy consumption according To VDI cycle		KWh/h	-	-	
<b>Other data</b>	8.1	Type of command			Electric AC		
	8.4	Sound level at the driver's ear according to DIN 10 053		dB/(A)	<70		

Ast, Ast3 e svolta a 90° comprendono "a" (spazio di manovra) = 200 mm

(1) Con batteria da 450 Ah

(2) Valori minimi per corridoi di lavoro con guide a terra

(3) Valori minimi per corridoi di testata (i valori sono intesi fra i bordi di raccordo delle eventuali guide a terra)

## Corridor dimensions

**DIMENSIONS OF WORKING AND FRONT HEAD AISLES**

Pallet	b12	800	1000	1200	800	1000	1200	800	1000
	I6	800	800	800	1000	1000	1000	1200	1200
Ast (2)	H 1200	1150	1200	1400	1150	1200	1400	1150	1200
	H 1800	1150	1355	1555	1155	1355	1555	1155	1355
Ast3 (3)	H 1200	2825	2865	2915	3010	3045	3090	3200	3235
	H 1800	2860	2910	2965	3040	3085	3130	3230	3265
Svolta 90°	H 1200	1825	1865	1960	1920	1955	2045	2015	2050
	H 1800	1840	1935	2030	1930	2020	2115	2020	2110

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