

MAX 5

Order picker truck for quick and comfortable high picking operations



DRIVER JEALOUS OF HIS MACHINE

MAX 5 by Samag is an order picker truck ideal for quick and comfortable medium-high picking operations, able to ensure high order picking performance and an excellent picking capacity by means of diagonal drive.

MAX 5 order picker truck by Samag is available with picking heights up to 10.000 mm.

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

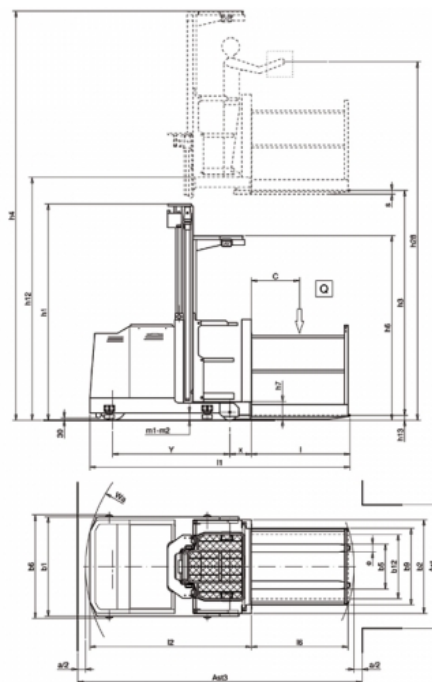
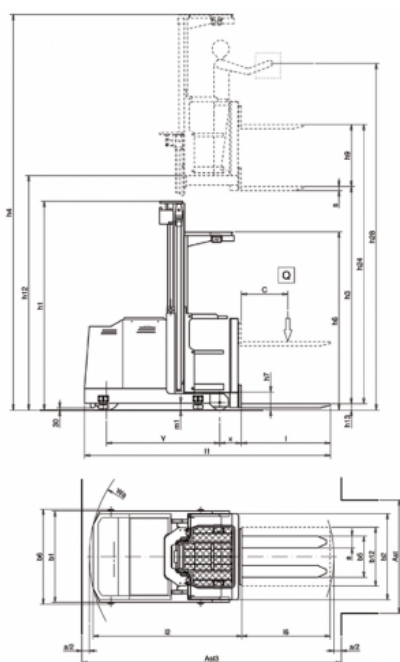


SCALE/PRINTER



USE IN COLD STORE

Type	Order pickers	Class	Ride-on order pickers with operator platform for normal-intensive use
Load capacity (Kg)	1000	Lifting capacity (mm)	7500



Characteristics

	1.1	Manufacturer			SAMAG	
Characteristics	1.2	Manufacturer's type designation			MAX 5-ac	MAX 5-ac SL
	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	282	270
	1.9	Wheelbase con forche sollevate	Y	mm	1460	
Weight	2.1	Service weight (± 5% - battery included)		Kg	3600 (1)	
	2.2	Axle loading, laden (front / rear)		Kg	1136 / 3342	
	2.3	Axle loading, unladen (front / rear)		Kg	1935 / 1165	
Wheels and frame	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane			Vulkollan	
	3.2	Tyre size, front		mm	343 x 114	
	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	1106	
	Dimensions	4.2	Height, mast lowered	h1	mm	(see table)
4.4		Lift	h3	mm	(see table)	(see table)
4.4.1		Total forks lift (h3+h9)	h24	mm	(see table)	-
4.5		Height, mast extended	h4	mm	(see table)	(see table)
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	800	-
4.14		Stand height, elevated	h12	mm	(see table)	(see table)
4.14.1		Height forks lowered (h12 + 1600 mm)	h28	mm	(see table)	(see table)
4.15		Height of forks from ground	h13	mm	85	65
4.19		Overall length	l1	mm	3175	3243
4.20		Lenght of face of forks	l2	mm	2025	2013
4.21		Overall width	b1/b2	mm	1240 / 1150	1240 / 1180
4.22		Fork dimensions	slell	mm	55 / 160 / 1150	35 / 100 / 1230
4.23		Fork carriage DIN 15 173, class/type A,B			Welded fork	
4.24		Fork - carriage width	b3	mm	-	
4.25		External fork widths	b5	mm	560 - 680	560-650
4.27		External width guide rollers	b6	mm	1190	
4.31		Ground clearance, laden, below mast	m1	mm	65	
4.32		Ground clearance, centre of wheelbase	m2	mm	90	
4.34	Aisle width for pallets 800 x 1200 crossways	Ast	mm	(see table)		
4.35	Turning radius	Wa	mm	1795		
4.42	Front head aisle with pallet 800x1200 forked	Ast3	mm	(see table)		
4.46	Width side protection cage	b9	mm	955 / 1155 / 1355		
Performance	5.1	Travel speed (laden / unladen)		Km/h	9,5 / 9,5	
	5.2	Lift speed (laden / unladen)		m/s	0,27 / 0,34	
	5.3	Lowering speed (con / senza carico)		m/s	0,29 / 0,28	
	5.7	Pendenza superabile KB 30' (con / senza carico)		%	0	
	5.8	Max. gradeability (laden / unladen)		%	5	
	5.9	Acceleration time (laden / unladen)		s	5,47 / 5,28	
	5.10	Service brake			Electric AC	
Electric motor	6.1	Traction motor, power KB 60'		KW	5 AC	
	6.2	Lifting motor, performance 15% ED		KW	9 AC	
		Steering motor		KW	0,4 AC	
	6.3	Battery DIN 43531/35/36 A, B, C,			yes	
	6.4	Tension / nominal capacity		V / Ah	48 / 500	
	6.5	Battery weight (± 5%)		Kg	805	
	6.6	Energy consumption according To VDI cycle		KWh/h	-	
Other data	8.1	Control type			Electric AC	
	8.4	Sound level at the driver's ear according to DIN 10 053		dB/(A)	<70	
(1) Valori riferiti ad "h3 7500"						

Overall dimensions

OVERALL DIMENSIONS OF LIFTING GROUPS							
h3	h24	h1	h4	h12	h28	b1	b6 min.
3000	3800	2310	5300	3235	4835	1240	1290
3500	4300	2560	5800	3735	5335	1240	1290
4000	4800	2810	6300	4235	5835	1240	1290
4500	5300	3060	6800	4735	6335	1240	1290
5000	5800	3310	7300	5235	6835	1240	1290
5500	6300	3560	7800	5735	7335	1240	1290
6000	6800	3810	8300	6235	7835	1240	1290
6500	7300	4120	8800	6735	8335	1240	1290
7000	7800	4370	9300	7235	8835	1240	1290
7500	8300	4670	9800	7735	9335	1240	1290

Corridor dimensions

MAX 5 AC - DIMENSIONS OF WORKING AND FRONT HEAD AISLE				MAX 5 AC SL - DIMENSIONS OF WORKING AND FRONT HEAD AISLE			
Pallet	Ast (1)	Ast3 (2)	svolta 90°	Pallet	Ast (1)	Ast3 (2)	svolta 90°
b12 / I6	b1=1240	b1=1240	b1=1240	b12 / I6	b1=1240	b1=1240	b1=1240
800 / 800	1440	3150	2085	800 / 800	1440	3170	2095
1000 / 800	1440	3190	2105	1000 / 800	1440	3215	2120
1200 / 800	1400	3235	2125	1200 / 800	1555	3265	2185
800 / 1000	1440	3340	2180	800 / 1000	1440	3355	2190
1000 / 1000	1440	3375	2195	1000 / 1000	1440	3395	2210
1200 / 1000	1400	3410	2215	1200 / 1000	1555	3440	2270
800 / 1200	1440	3530	2275	800 / 1200	1440	3545	2280
1000 / 1200	1440	3560	2290	1000 / 1200	1440	3580	2300
1200 / 1200	1400	3595	2305	1200 / 1200	1555	3620	2360
Ast, Ast3 e svolta a 90° comprendono "a" (spazio di manovra) = 200 mm (1) Valori minimi per corridoi di lavoro con guide a terra (2) Valori minimi per corridoi di testata (i valori sono intesi fra i bordi di raccordo delle eventuali guide a terra)				Ast, Ast3 e svolta a 90° comprendono "a" (spazio di manovra) = 200 mm (1) Valori minimi per corridoi di lavoro con guide a terra (2) Valori minimi per corridoi di testata (i valori sono intesi fra i bordi di raccordo delle eventuali guide a terra)			