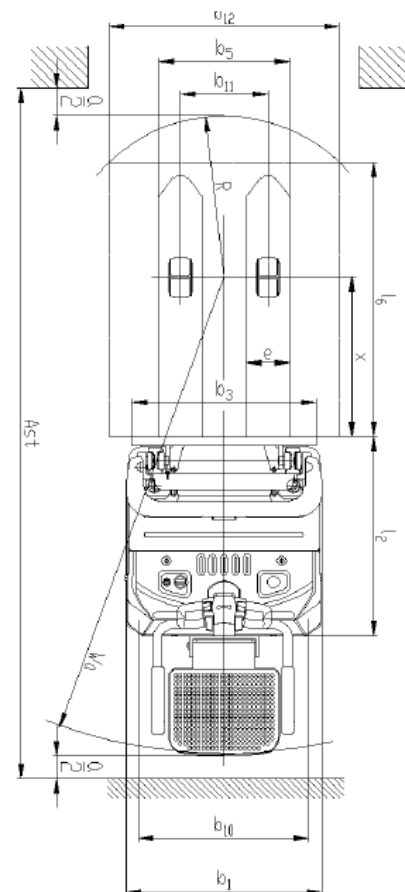


Climax S16W450P-ION: Electric stacker

- Foldable platform and side protection
- Electric power steering
- Lithium battery



Characteristics			
1.2	Model designation		S16W450P-ION
1.3	Drive unit		Battery
1.4	Operator type		Rider stand
1.5	Load capacity	Q (kg)	1600
1.6	Load center distance	c (mm)	600
1.8	Load distance, centre of drive axle to fork	c (mm)	693
1.9	Wheelbase	y (mm)	1375
2.2	Axle loading, loaden operator/load side	y (mm)	970/1960
2.3	Axle loading, unloaden operator/load side	y (mm)	940/390
Weight			
2.1	Service weight (incl. battery)	kg	1450
Wheels, Chassis			
3.1	Tyre type		PU/PU
3.2	Tyre size, operator side	mm	Ø 230 x 75
3.3	Tyre size, load side	mm	Ø 85 x 70
3.4	Balance wheels (dimensions)	mm	Ø 130 x 55
3.5	Wheels, number operator/load side (x = drive wheels)		1 x + 1/4
3.6	Tread, operator side	b10 (mm)	574
3.7	Tread, load side	b11 (mm)	380
Dimensions			
4.2	Height, mast lowered	h1 (mm)	2022
4.3	Free lift	h2 (mm)	1600
4.4	Lift height	h3 (mm)	4500
4.5	Extended mast height	h4 (mm)	4960
4.9	Height of tiller arm in operating position, min/max	h14 (mm)	1150/1480
4.15	Fork height, lowered	h13 (mm)	88
4.19	Overall length	l1 (mm)	2030
4.20	Length to face of forks	l2 (mm)	879
4.21	Overall width	b1/b2 (mm)	850
4.22	Fork dimensions	s/e/l (mm)	60/190/1150
4.24	Fork carriage width	b3 (mm)	800
4.25	Width across forks	b5 (mm)	570
4.32	Ground clearance, center of wheelbase	m2 (mm)	28
4.33	Aisle width, 1000 x 1200 pallet crossways	Ast (mm)	2605/2965
4.34	Aisle width, 800 x 1200 pallet lengthways	Ast (mm)	2575/2935
4.35	Turning radius	Wa (mm)	1730/2090
Performance			
5.1	Travel speed, loaden/unloaden	km/h	5.5/6.0
5.2	Lifting speed, loaden/unloaden	m/s	0.13/0.16
5.3	Lowering speed, loaden/unloaden	m/s	0.30/0.22
5.8	Maximum gradeability, loaden/unloaden S2 5 min	%	8/16
5.10	Service brake		Electromagnetic
Drive			
6.1	Drive motor performance S2 60 min	kW	1.6
6.2	Lift motor performance at S3 15%	kW	3
6.3	Li-ion battery voltage/rated capacity	V/Ah	24/205
6.6	External charger	V/A	24/100
Others			
7.2	Manufacturer		ZAPI
8.1	Type of drive control		AC
10.5	Steering type		Power steering
10.7	Sound level at operator's ear	dB (A)	74

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