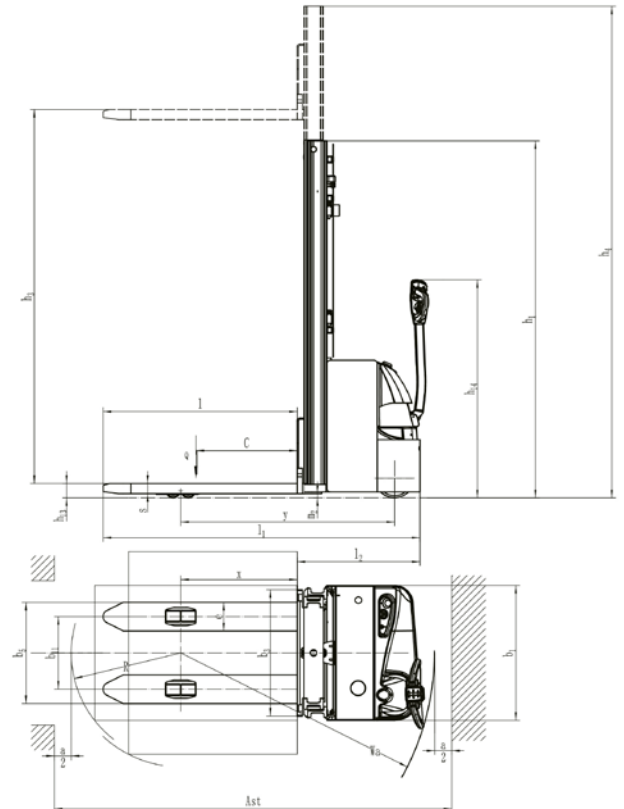


Climax S16W450-IONV2: Electric stacker

- Compact design
- Lithium battery with integrated charger
- Fast lifting and lowering speed for maximize efficiency
- Proportional lifting system
- Creep speed function
- Electric power steering



Characteristics			
1.2	Model designation		S16W450-IONV2
1.3	Drive unit		Battery
1.4	Operator type		Pedestrian
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)	690
1.9	Wheelbase	y (mm)	1272
Weight			
2.1	Service weight (incl. battery)	kg	940
2.2	Axle loading, loaden operator/load side	kg	700/1840
2.3	Axle loading, unloaden operator/load side	kg	630/310
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)	538
3.7	Tread, load side	b11 (mm)	406
Dimensions			
4.2	Height, mast lowered	h1 (mm)	2020
4.3	Free lift	h2 (mm)	1630
4.4	Lift height	h3 (mm)	4500
4.5	Extended mast height	h4 (mm)	4945
4.9	Height of tiller arm in operating position, min/max	h14 (mm)	715/1200
4.15	Fork height, lowered	h13 (mm)	90
4.19	Overall length	l1 (mm)	1881
4.20	Length to face of forks	l2 (mm)	731
4.21	Overall width	b1/b2 (mm)	800
4.22	Fork dimensions	s/e/l (mm)	65/170/1150
4.24	Fork carriage width	b3 (mm)	750
4.25	Width across forks	b5 (mm)	570
4.32	Ground clearance, center of wheelbase	m2 (mm)	25
4.33	Aisle width, 1000 x 1200 pallet crossways	Ast (mm)	2383
4.34	Aisle width, 800 x 1200 pallet lengthways	Ast (mm)	2355
4.35	Turning radius	Wa (mm)	1507
Performance			
5.1	Travel speed, loaden/unloaden	km/h	5/5.5
5.2	Lifting speed, loaden/unloaden	m/s	0.2/0.26
5.3	Lowering speed, loaden/unloaden	m/s	0.4/0.3
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	4.5
6.3	Li-ion battery voltage/rated capacity	V/Ah	24/100
6.6	Internal charger	V/A	24/30
Others			
7.2	Manufacturer		ZAPI
8.1	Type of drive control		AC
10.5	Steering		Power steering
10.7	Sound level at operator's ear	dB (A)	74



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