

Rocla SSIac is a sit-on stacker for ergonomic work with two capacity possibilities: 1500 and 2000 kg. Hydraulic side stabilizers enable high residual capacities and very good stacking possibilities up to 6500 mm lifting heights. The integral mast with integrated lift cylinder and mast profile improve the lifting features in the 2000 kg model. Fast battery changing system increases the work effectiveness even in multi shift working.



SSI15/20ac

Rocla

The intelligent way to move



- An efficient sit-on stacker for professional work
- Ergonomic designed driver's compartment and excellent visibility
- Hydraulic side stabilizers enable high residual capacities
- Integral mast in 2000 kg model enables lifting height pre-selecting
- AC-drive motor – more efficiency, less need for maintenance, better controllability
- Good range of options such as design covers
- PIN code unit and personal settings as a standard

SSI15/20ac

1 IDENTIFICATION				
1.1	Manufacturer		Rocla Oyj	Rocla Oyj
1.2	Model		SSI15ac (SSI15aci)	SSI20ac
1.3	Power source		Battery	Battery
1.4	Operating mode		Sit-on	Sit-on
1.5	Nominal capacity/load	Q [kg]	1500	2000
1.6	Load center (COG)	c [mm]	600	600
1.8	Load wheel axel to fork face (forks lowered)	x [mm]	775 (755)	805
1.9	Wheelbase (forks lowered)	y [mm]	1500 (1520)	1585
2 WEIGHTS				
2.1	Truck weight (with nominal load & battery)	[kg]	3260(3340)***	4100****
3 WHEELS AND TYRES				
3.1	Tyres, material (R=rubber/Vul=Vulkollan) drive/load side		Vul/Vul	Vul/Vul
3.2	Load wheel dimensions (diameter x width)	[mm]	85 x 75	85 x 90
3.3	Drive wheel dimensions (diameter x width)	[mm]	250 x 100	250 x 100
3.4	Castor wheel dimensions (diameter x width)	[mm]	2 x 150 x 48	2 x 150 x 48
3.5	Number of the wheels (x=driven) drive/load side		2 + 1x / 4	2 + 1x / 4
3.6	Track width (centre of tyres), load side	b10 [mm]	385	375
3.7	Track width (centre of tyres), drive side	b11 [mm]	690	690
4 DIMENSIONS				
4.2	Lowered mast height	h1 [mm]	2385 (2500)***	2710****
4.3	Free lift (see table)	h2 [mm]	1810***	2060****
4.4	Lift	h3 [mm]	5315***	6210****
4.5	Raised mast height	h4 [mm]	5940 (6055)***	7130****
4.6	Initial lift (option)	h5 [mm]	(115)	-
4.7	Height of the overhead guard	h6 [mm]	1930	1930
4.8	Seat (compressed or platform height)	h7 [mm]	400	400
4.15	Fork height, fully lowered	h13 [mm]	90 (92)	90
4.19	Overall length (platform up/down)	l1 [mm]	2110(2145)	2160
4.20	Powerhead length (to fork face), platform up/down	l2 [mm]	960	1010
4.21	Chassis (overall width)	b1/b2 [mm]	1050 / 1550 *	1050 / 1715 *
4.22	Fork dimensions (thickness/width/length)	s/e/l [mm]	65 / 165 (185) / 1150	65 / 195 / 1150
4.25	Outside width over forks	b5 [mm]	550 (570)	570
4.32	Ground clearance, center of wheelbase (forks lowered)	m2 [mm]	30	25
4.33	Working aisle width Ast ** (Ast3), pallet 1000x1200, load crosswise	Ast [mm]	2626 (2360)	2696 (2410)
4.34	Working aisle width Ast ** (Ast3), pallet 800x1200, load lengthwise	Ast [mm]	2569 (2410)	2627 (2460)
4.35	Turning radius (forks lowered, platform up/down)	Wa [mm]	1785	1865
5 PERFORMANCE				
5.1	Travel speed, laden/unladen	[km/h]	7,0 / 8,0	7,0 / 8,0
5.2	Lifting speed, laden/unladen	[m/s]	0,13 / 0,30	0,11 / 0,30
5.3	Lowering speed, laden/unladen	[m/s]	0,50 / 0,35	0,50 / 0,40
5.8	Gradeability, laden/unladen	[%]	7 / 10	6 / 10
5.10	Service brake		Electric	Electric
6 MOTORS				
6.1	Drive motor S2 60 min	[kW]	2,2	2,2
6.2	Lift motor S3 15%	[kW]	5,5	5,5
6.4	Battery voltage/capacity (5h)	[V/Ah]	24 / 375-500	24 / 375-500
6.5	Battery weight (min.)	[kg]	305-400	305-400
8 MISCELLANEOUS				
8.1	Speed control type		Stepless	Stepless
8.4 **	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work LpA	[dB (A)]	66	66
	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 487, drive/lift/idle LpA	[dB (A)]	70/69/53	70/69/53
	Body tremble according to EN 13 059:2002	[m/s ²]	0,4	0,4
	Hand tremble according to EN 13 059:2002	[m/s ²]	< 2,5	< 2,6

() = with initial lift

* Side stabilizers lowered (option)

** Ast = Wa + R + 200, Ast3 = Wa - x + l6 + 200

*** = TREV5400

**** = TF6300

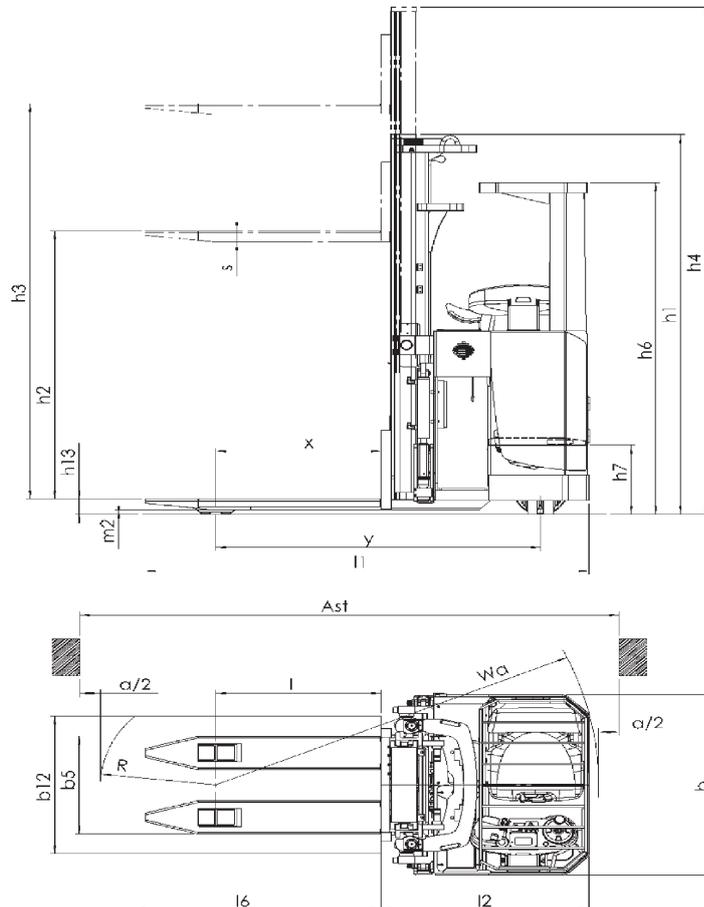


SSI15ac					
Mast	h3+h13	h1	h4	h2+h13	(h2+h13)
S	1500	1950	1950	1500	-
DS/DEV	2500	1835	3000	200	1365
	2900	2035	3400	200	1565
	3300	2235	3800	200	1765
	3450	2310	3950	200	1840
	3600	2385	4100	200	1915
	4300	2735	4800	200	2265
TR/TREV	5400	2385	5940	-	1900
	5900	2555	6440	-	2070
	6500	2755	7040	-	2270

SSI15aci					
Mast	h3+h13	h1	h4	h2+h13	(h2+h13)
S	1500	2065	2065	1500	-
DS/DEV	2500	1950	3115	200	1365
	2900	2150	3515	200	1565
	3300	2350	3915	200	1765
	3450	2425	4065	200	1840
	3600	2500	4215	200	1915
	4300	2850	4915	200	2265
TR/TREV	5400	2500	6055	-	1900
	5900	2670	6555	-	2070
	6500	2870	7155	-	2270

SSI20ac					
Mast	h3+h13	h1	h4	h2+h13	(h2+h13)
TF	4800	2210	5630	-	1650
	5400	2410	6230	-	1850
	5700	2510	6530	-	1950
	6300	2710	7130	-	2150

- S = Simplex
- DS = Duplex with Clear View Mast
- DEV = Duplex with Full Free Lift
- TR = Triplex with Clear View Mast
- TREV = Triplex with Full Free Lift
- TF = Triplex with Integral Mast
- h3+h13 = Lift height
- h1 = Lowered mast height (with initial lift + 115 mm)
- h4 = Raised mast height (with initial lift + 115 mm)
- h2+h13 = Free lift height
- (h2+h13)* = Special free lift height



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Stackers are used for stacking pallets and for storage in different kind of warehouses. Rocla stackers are compact designed and have robust and stable construction. Rocla SSIac models offer reliability and comfort for stacking. Thanks to the AC drive motor the truck is easy to control. In SSIac stackers the driver always sits safely inside the chassis. Position is ergonomic for driver and visibility is excellent to every direction.



Options

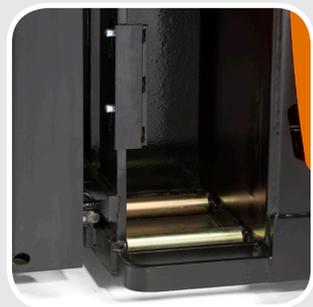
Special colour for side plates
Design covers
Cold store modification, > -35 °C
Steering direction change
List bracket/extra equipment stand
Warning light on the roof
Working light
Drive alarm – for drive, lift and lowering (programmable)
Hydraulic side stabilizers (DS/DEV-mast) as a standard in triplex-mast
Friction wheel (drive wheel)
Load backrest
Automatic roller seat belt
Automatic lift cut out with required lift height
Powder extinguisher – size 2 kg
Lowering of stabilizers compulsory at 2,5 m lift height



1. Lifting heights up to 6,5 m. Rocla designed integral mast in 2000 kg model enables automatic lift stop at wished lifting height.



2. New comfortable seat and ergonomic driving position. The b2 control panel has a completely new digital display and control buttons in the middle.



3. The design of the battery compartment allows easy access for maintenance purposes. The battery is mounted on rollers, which enables quick changing of the battery and supports multi-shift working.

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