

Rocla TS20ac sit-on pallet truck with 2000 kg or 2500 kg capacity is an optimum choice for heavy work and long transporting distances in industry and big terminals and warehouses. New seat and the b2 control panel upgrade the truck's ergonomics to a completely new level and controlling the truck is very easy.



TS20ac

Rocla

The intelligent way to move



- AC-drive motor – more efficiency
- New b2 control panel with digital display
- Driver's personal settings and PIN code in the control panel
- New comfortable seat and ergonomic driving position
- Quick battery changing system
- Good visibility

TS20ac

1 IDENTIFICATION			
1.1	Manufacturer		Rocla Oyj
1.2	Model		TS20ac
1.3	Power source		Battery
1.4	Operating mode		Pedestrian
1.5	Nominal capacity/load	Q [kg]	2000
1.6	Load center (COG)	c [mm]	600
1.8	Load wheel axel to fork face (forks lowered)	x [mm]	961*
1.9	Wheelbase (forks lowered)	y [mm]	1674*
2 WEIGHTS			
2.1	Truck weight (with nominal load & battery)	[kg]	2955
2.2	Axle loadings (with load and battery), drive/load side	[kg]	1830/1125
2.3	Axle loadings (without load/with battery), drive/load side	[kg]	220/735
3 WHEELS AND TYRES			
3.1	Tyres, material (R=rubber/Vul=Vulkollan) drive/load side		Vul/Vul
3.2	Load wheel dimensions (diameter x width)	[mm]	85x75
3.3	Drive wheel dimensions (diameter x width)	[mm]	250x100
3.4	Castor wheel dimensions (diameter x width)	[mm]	150x48
3.5	Number of the wheels (x=driven) drive/load side	[mm]	1x+2/4
3.6	Track width (centre of tyres), load side	b10 [mm]	354 (374, 514)
3.7	Track width (centre of tyres), drive side	b11 [mm]	685
4 DIMENSIONS			
4.4	Lift	h3 [mm]	115
4.8	Platform height	h7 [mm]	400
4.15	Fork height, fully lowered	h13 [mm]	85
4.19	Overall lenght (platform up/down)	l1 [mm]	2100*
4.20	Powerhead length (to fork face), platform up/down	l2 [mm]	950
4.21	Chassis (overall width)	b1 /b2 [mm]	1050
4.22	Fork dimensions (thickness/width/length)	s/e/l [mm]	50/165/1150
4.25	Outside width over forks	b5 [mm]	520 (540,680)
4.32	Ground clearance, center of wheelbase (forks lowered)	m2 [mm]	35
4.33	Working aisle width Ast, pallet 1000x1200, load crosswise	Ast [mm]	2751*
4.33	Working aisle width Ast3, pallet 1000x1200, load crosswise	Ast3 [mm]	2189*
4.34	Working aisle width Ast, pallet 800x1200, load lengthwise	Ast [mm]	2616*
4.34	Working aisle width Ast3, pallet 800x1200, load lengthwise	Ast3 [mm]	2389*
4.35	Turning radius (forks lowered, platform up/down)	Wa [mm]	1950*
5 PERFORMANCE			
5.1	Travel speed, laden/unladen	[km/h]	8/11
5.2	Lifting speed, laden/unladen	[m/s]	0.03/0.04
5.3	Lowering speed, laden/unladen	[m/s]	0.07/0.02
5.7	Gradeability, laden/unladen	[%]	6/15
5.10	Service brake		Magn. brake
6 MOTORS			
6.1	Drive motor S2 60min	[kW]	2.2
6.2	Lift motor S3 10%	[kW]	1.2
6.4	Battery voltage/capacity (min-max)	[V/Ah]	24/375-465
6.5	Battery weight (min/max)	[kg]	305/395
8 MISCELLANEOUS			
8.1	Speed control type		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)]	67
	Level of noise at the ear level of the driver EN 12 053:2001 and EN ISO 4871 drive/lift/idle LpA	[dB (A)]	72/59/43
	Body tremble according to EN 13 059:2002	[m/s ²]	0,8
	Hand tremble according to EN 13 059:2002	[m/s ²]	< 2,5

* Fork width 1150 mm

** Inaccuracy 4 dB (A)



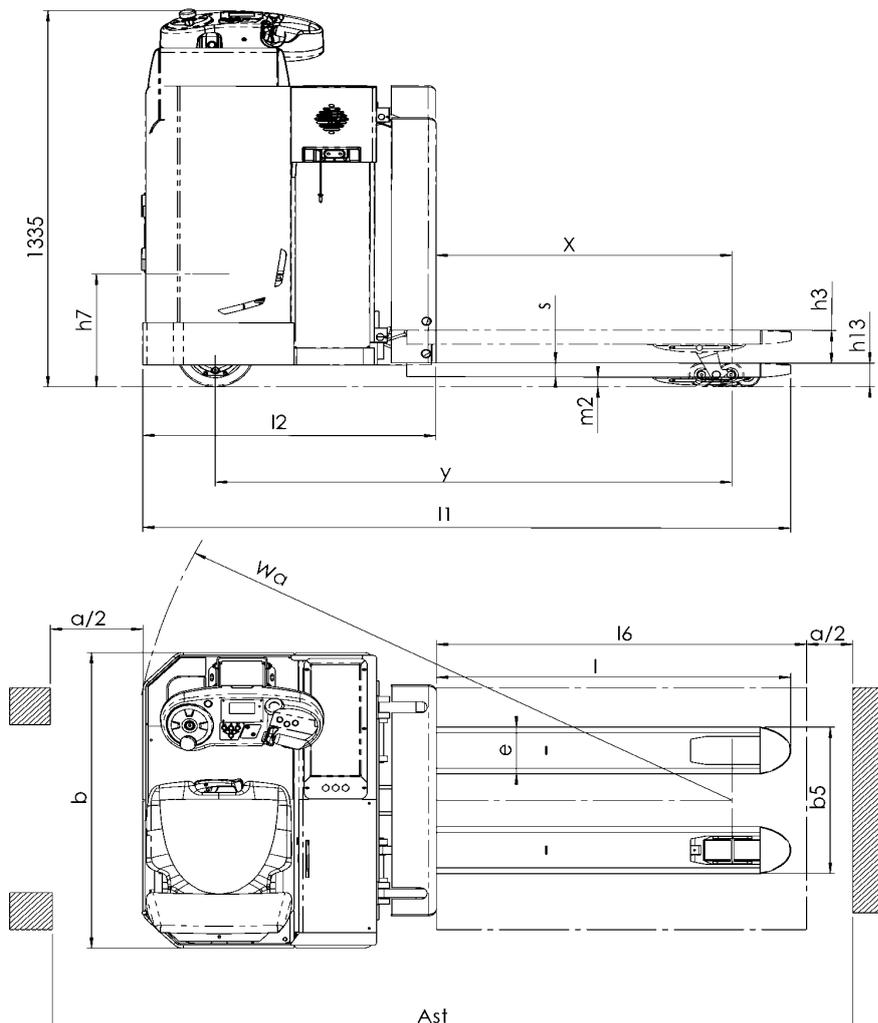


Fork dimensions (mm)

Fork width	Fork Length	x-dimension forks raised/lowered	Wheelbase forks raised/lowered	Turning radius forks raised/lowered
520-680	950	711/761	1624/1674	1550/1600
	1150	911/961	1824/1874	1750/1800
	1450	911/961	1824/1874	1750/1800

Working aisle width (mm)

Pallet size	Handling	Ast/Ast 3 Fork length 1150 mm	Ast/Ast 3 Fork length 1450 mm
800 x 1200	Lengthwise	2616/2389	2821/2689
1000 x 1200	Crosswise	2751/2189	2957/2689



TS20ac

The strong and durable construction of TS20ac is suitable for hard work. Also the ergonomics of the truck is designed for demanding working environment. The new seat and well protected driver's compartment make working comfortable. Exact controls ensure excellent drivability. Control panel height is adjustable which improves user friendliness. Ergonomic driver's positioning and excellent visibility to both directions increase safety.



Rocla TS20ac options

Cold store modification	Drive alarm
Special colour for side plates	Battery locking
Design covers	Nominal capacity 2500 kg
Steering direction changed	Battery changing device
Key switch	Pallet entry and exit rollers *
Current output 12V/8A	Battery changing device with rolls for 2 batteries
Warning light on the roof	Battery connector and cables
Working light	Charger connector
Powder extinguisher	Seat belt

* Only factory assembly



1. The b2 control panel has a completely new display and control buttons in the middle. New panel offers a lot of new functions compared to old model.



2. The operator's compartment provides spacious, comfortable and safe working environment for the operator. A low step height enables easy entrance to the machine.



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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ООО «Форклифт»
 630108, г.Новосибирск,
 ул.Станционная, 19
 тел: (383) 291-22-75
 e-mail: sale@komatsusib.ru
 658083, г.Новоалтайск,
 ул.Дорожная, 26 к1
 тел: (3852) 600-673
 e-mail: barnaul@komatsusib.ru
www.komatsusib.ru