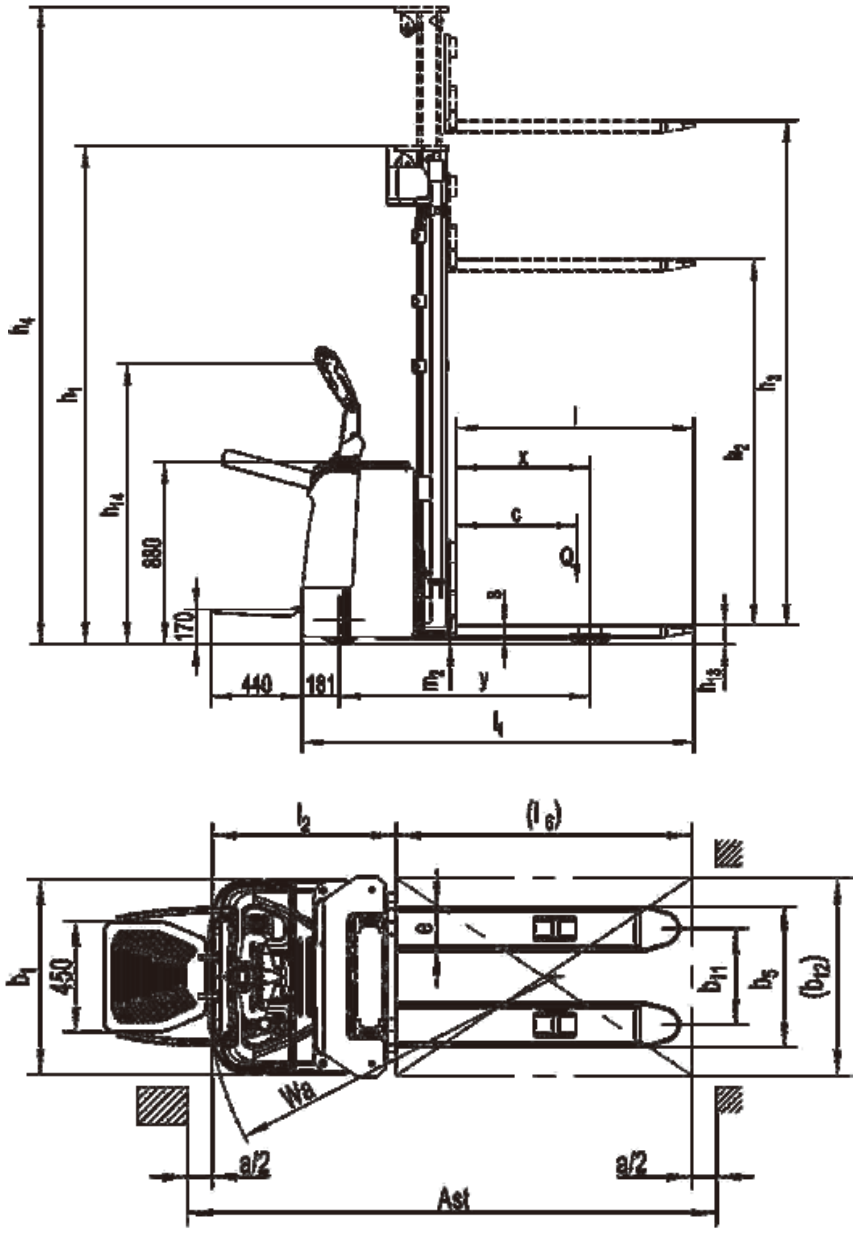
Specificaties
RST16L



Type	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
Two stage mast	1958	—	2830	3380	2920
	2108	—	3130	3680	3220
	2308	—	3530	4080	3620
Two stage mast FFL (Full-Free-Lift)	1958	1410	2830	3380	2920
	2108	1560	3130	3680	3220
	2308	1760	3530	4080	3620
Three stage mast	2008	—	4230	4780	4320
	2108	—	4530	5080	4620
Three stage mast FFL (Full-Free-Lift)	1708	1120	3330	3880	3420
	1908	1320	3930	4480	4020
	2008	1420	4230	4780	4320
	2108	1520	4530	5080	4620
	2343	1756	5230	5780	5320
	2410	1800	5430	6110	5520

Type sheet for industrial truck acc. to VDI 2198			
Distinguishing mark			
1.2	Manufacturer`s type designation		RST16L (5500)
1.3	Power (battery ,diesel, petrol, gas, manual)		Battery
1.4	Operator type		Pedestrian/Stand
1.5	Load Capacity / rated load	Q(t)	1.6
1.6	Load centre distance	C(mm)	600
1.8	Load distance ,centre of drive axle to fork	x(mm)	647
1.9	Wheelbase	y(mm)	1215
Weight			
2.1	Service weight	Kg	1380
2.2	Axle loading, laden front/rear	Kg	1040/1940
2.3	Axle loading, unladen front/rear	Kg	940/440
Tires, chassis			
3.1	Tires		Polyurethane (PU)
3.2	Tire size, front	∅xW (mm)	∅230×70
3.3	Tire size, rear	∅xW (mm)	∅85×75
3.4	Additional wheels(dimensions)	∅xW (mm)	∅150x54
3.5	Wheels, number front/rear(x=driven wheels)		1x+1/4
3.6	Track, front	b10(mm)	510
3.7	Track, rear	b11(mm)	390/505
Dimensions			
4.2	Lowered mast height	h1(mm)	2410
4.3	Free Lift height	h2(mm)	1820
4.4	Lift height(up to)	h3(mm)	5430
4.5	Extended mast height	h4(mm)	6110
4.9	Height of tiller in drive position min./ max.	h14(mm)	950/1350
4.15	Height, lowered	h13(mm)	90
4.19	Overall length	l1(mm)	1896[1)]
4.20	Length to face of forks	l2(mm)	746[1)]
4.21	Overall width	b1(mm)	790
4.22	Fork dimensions	s/e/l(mm)	60/180/1150
4.25	Distance between fork-arms	b5(mm)	570/685
4.32	Ground clearance, centre of wheelbase	m2(mm)	28
4.33	Aisle width for pallets 1000X1200 crossways	Ast(mm)	2325[1)]
4.34	Aisle width for pallets 800X1200 lengthways	Ast(mm)	2290[1)]
4.35	Turning radius	Wa(mm)	1420[1)]
Performance data			
5.1	Travel speed, laden/ unladen	km/h	7.0/8.0
5.2	Lift speed, laden/ unladen	m/s	0.13/0.20
5.3	Lowering speed, laden/ unladen	m/s	0.28/0.23
5.8	Max. gradeability, laden/ unladen	%	6/12
5.10	Service brake		Electromagnetic
Electric- engine			
6.1	Drive motor rating S2 60min	kw	1.4
6.2	Lift motor rating at S3 10%	kw	3.2
6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		3VBS
6.4	Battery voltage, nominal capacity K5	V/Ah	24/150
6.5	Battery weight	kg	60
6.6	Energy consumption acc: to VDI cycle	kWh/h	1.34
Additional data			
8.1	Type of drive control		AC- speed control
8.4	Sound level at driver`s ear acc. to EN 12053	dB(A)	<70

1) With unfolded platform: + 440 mm