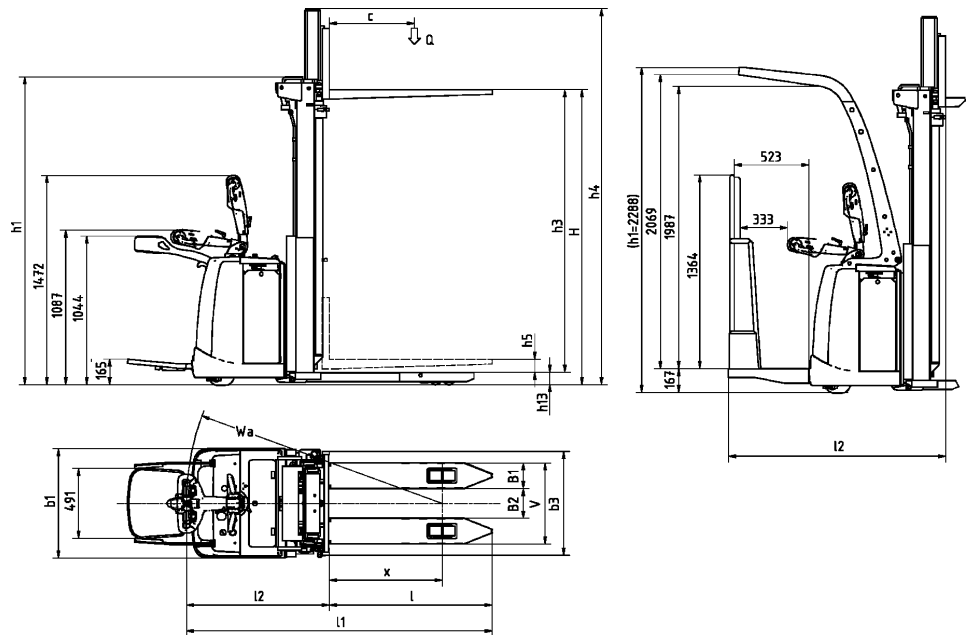


Pedestrian Stacker with driver platform

SRS 160ST



Robust, ergonomic, powerful and highly manoeuvrable pedestrian stacker with foldable platform and advanced safety features. Ideal for the warehouse and when equipped with the option straddle lift suitable for double pallet handling. Side protection bars, electrical power steering and driver protected platform available as option.



Mast type	Lift height H	Height of mast lowered h1	Max mast height h4
Standard/Duplex	1670	1390	2170
	2400	1755	2900
	2900	2005	3400
	3200	2155	3700
	3600	2355	4100
	3800	2455	4300
	4200	2655	4700
Triples			

Distinguishing mark	0	Specification		SRS 160ST		
	1.2	Manufacturer's type designation		PSP 160ST		
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Electric		
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian		
	1.5	Load capacity/rated load	Q	t	1,6	
	1.6	Load centre distance	c	mm	400-600	
	1.8	Load distance, centre of load axle to fork		X	650, 800	
	1.9	Wheelbase	y	mm	1529	
	Weight	2.1	Service weight incl battery		kg	1180*
2.2		Axle load, with load, front/rear		kg	703 / 1060	
2.3		Axle load, without load, front / rear		kg	860 / 320	
2.4		Axle load, fork outreached with load, front / rear		kg		
2.5		Axle load, fork retracted with load, front / rear		kg		
Tyres, chassis	3.1	Tyres			Vulcollan	
	3.2	Tyre size, drive side		mm	230*90	
	3.3	Tyre size, load side		mm	85*70	
	3.4	Dimensions additional wheels (castor wheels)		mm	140*60	
	3.5	Wheels, number front/rear (drive side/load side, x = driven wheels)			1x +1/4	
	3.6	Track, drive side	b10	mm	501	
	3.7	Track, load side	b11	mm	390	
Dimensions	4.1	Tilt of mast/fork carriage, forward/backward		Grad		
	4.2	Height, mast lowered		h1	mm	See table
	4.3	Free lift		h2	mm	130
	4.4	Lift height H = h13+h3		H	mm	See table
	4.5	Height, mast extended		h4	mm	See table
	4.6	Straddle lift		h5	mm	
	4.7	Height of overhead guard (cabin)		h6	mm	2288
	4.8	Seat height/stand height		h7	mm	165
	4.10	Height of wheel arms		h8	mm	80
	4.11	Additional lift		h9	mm	
	4.14	Stand height, elevated		h12	mm	
	4.15	Height lowered		h13	mm	90
	4.19	Overall length		l1	mm	2140 / 2524
	4.20	Length to face of forks		l2	mm	990 / 1374
	4.21	Overall width		b1	mm	770
	4.21.1	Width over stabilizers			mm	
	4.22	Fork dimensions		s/e/l	mm	65/180 / 1150, 1000
	4.23	Fork carriage to ISO 2328, clas / form A, B				
	4.24	Width of fork carriage		b3	mm	730
	4.25	Width over forks, min/max		b5	mm	570
	4.26	Distance between wheel arms		b4	mm	265
	4.27	Width across guide rolls		b6	mm	
	4.28	Reach distance		l4	mm	
	4.29	Reach lateral		b7	mm	
	4.30	Reach lateral from vehicle centerline		b8	mm	
	4.31	Ground clearance, mast		m1	mm	25
	4.32	Ground clearance, centre of wheelbase		m2	mm	25
	4.33	Aisle width with pallet 1000 x 1200, crosswise		Ast	mm	2535 / 2920
	4.34	Aisle width for pallet 800 x 1200, lengthwise		Ast	mm	2557 / 2942
		Transfer aisle		0	mm	
	4.35	Turning radius		Wa	mm	1790 / 2175
	4.37	Length incl reach legs		l7	mm	
	4.38	Distance to swivelling-fork pivot		0	mm	
Performance data	5.1	Travel speed, with/without load		km/h	8,5 / 8,5	
	5.1.1	Travel speed with/without load, backwards		km/h	8,5 / 8,5	
	5.2	Lift speed, with/without load		m/s	0,16 / 0,33	
	5.3	Lowering speed, with/without load		m/s	0,39 / 0,31	
	5.4	Reach speed, with / without load		m/s		
	5.7	Gradient, with/without load		%		
	5.8	Max gradeability, with / without load, 5 min rating		%	7,0	
	5.9	Acceleration time 0-10 m, with/without load		s	6,6 / 5,6	
	5.10	Service brake: electric, hydraulic			El. - drive motor	
	5.10.1	Parking brake: electric, hydraulic			Electric	
Electric engine	6.1	Drive motor, rating S2 60 min		kW	2,2	
	6.2	Lift motor		kW	3,6	
	6.3	Battery according to DIN 43531/35/36		A,B,C		
	6.4	Battery voltage / Battery capacity		V/Ah	24 / 220-400	
	6.5	Battery weight		kg	250 - 370*	
	6.6	Power consumption according to VDI cycle		kWh/h		
Additional data	8.1	Speed regulation			Combi AC	
	10.1	Operating pressure attachments		bar		
	10.2	Oil flow for attachments		l/min	67,5	
	10.7	Noise level at operator's ear, according to EN 12 053		db(A)		

* Varies according to battery size

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