

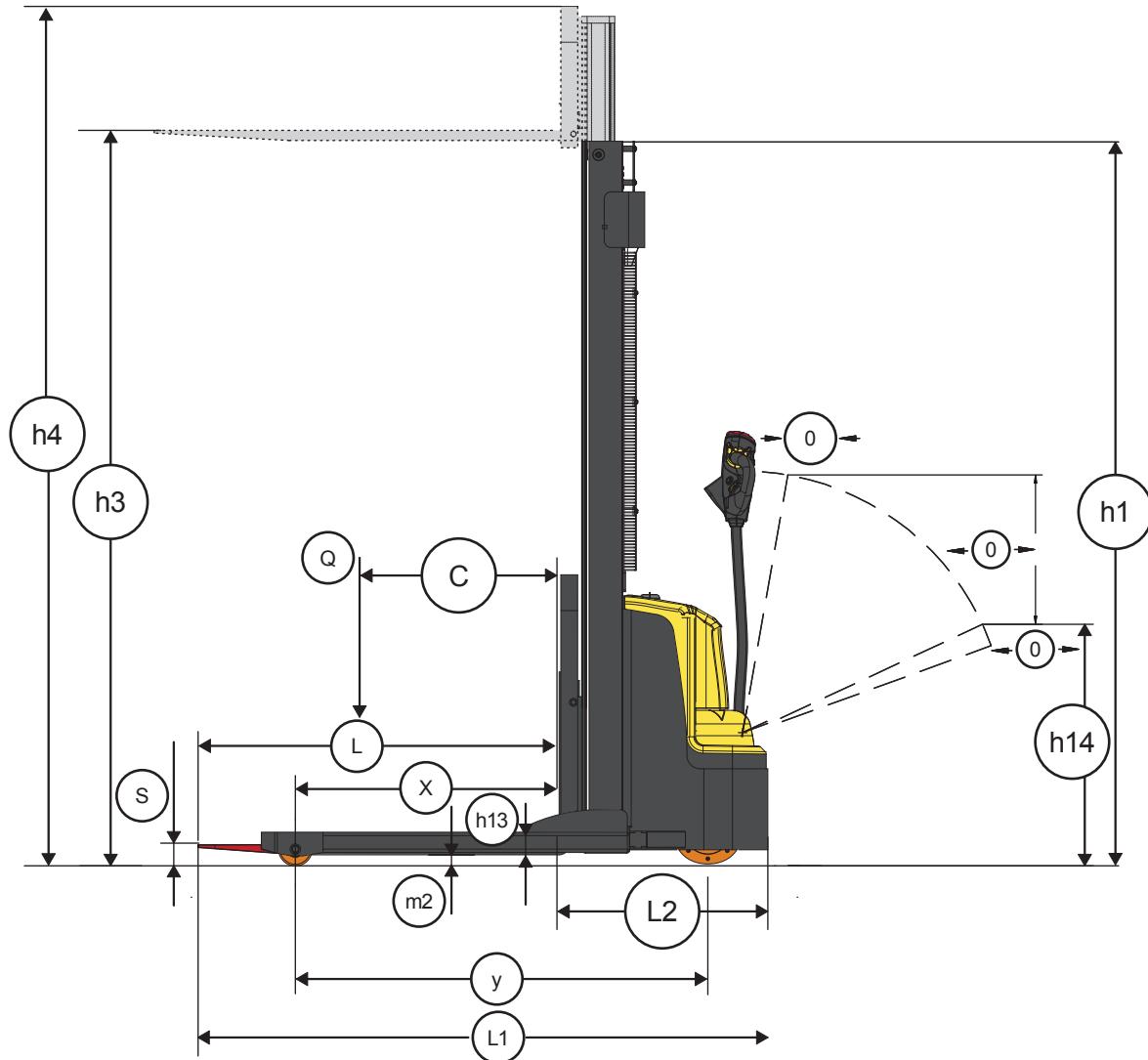
SC1.2-1.5 SL SERIES



**PEDESTRIAN STRADDLE
LEG STACKER**
Product Technical Guide

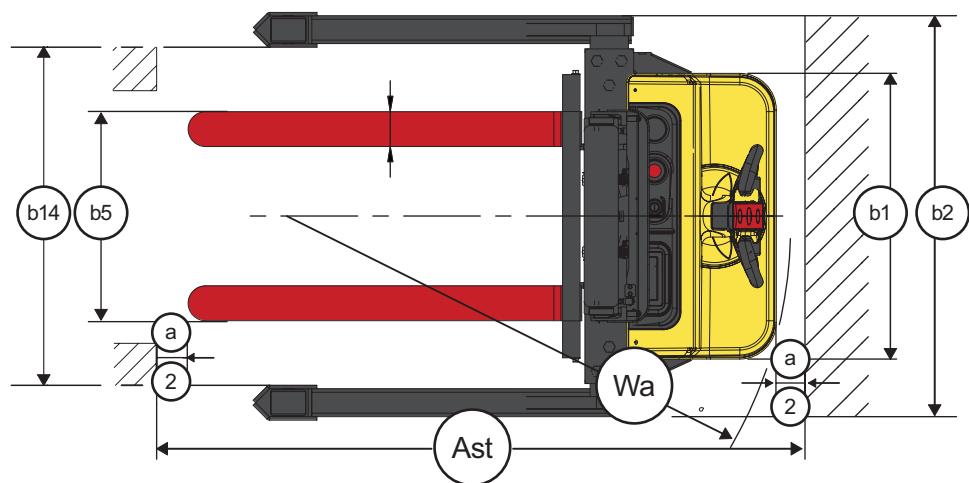


SC1.2-1.5 SL DIMENSIONS



Circled dimensions correspond to the line numbers on the tabulated chart inside the technical guide.
Dimensions are in inches (millimeters).

SC1.2-1.5 SL DIMENSIONS



Circled dimensions correspond to the line numbers on the tabulated chart inside the technical guide.
Dimensions are in inches (millimeters).

SC1.2 SL SPECIFICATIONS

GENERAL	1-1	Manufacturer						Hyster
	1-2	Model designation						SC1.2 SL
	1-3	Drive: electric (battery or mains), diesel, gasoline, LPG	—	—				Electric (battery)
	1-4	Operator type: hand, pedestrian, standing, seated, order-picker	—	—				Pedestrian
	1-5	Load capacity/rated load	Q	kg				1200
	1-6	Load centre distance	c	mm				600
	1-7	Load distance, centre of drive axle to fork	x	mm				715
	1-8	Wheelbase	y	mm				1218
	2-1	Service weight (without battery)	—	kg	580	603	633	665
WEIGHT	2-2	Service weight (with 60Ah lithium-ion battery)	—	kg	597	620	650	682
	2-3	Service weight (with 100Ah lithium-ion battery)	—	kg	604	627	657	689
	2-4	Service weight (with battery 71Ah)	—	kg	626.4	649.4	679.4	711.4
	2-5	Service weight (with battery 89Ah)	—	kg	631.6	654.6	684.6	716.6
	2-6	Axle loading, laden front/rear (2.5m lifting height)	—	kg				546 / 1274
	2-7	Axle loading, unladen front/rear (2.5m lifting height)	—	kg				465 / 155
	3-1	Wheels	—	—				Polyurethane
	3-2	Wheel size, front	Ø × width	mm				φ210 × 70
	3-3	Wheel size, rear	Ø × width	mm				φ100 × 49
TIRES	3-4	Wheels, number front/rear (x = driven wheels)	—	—				1x +0 / 2 or 1x +2 / 4 (with balance wheel)
	3-5	Tread, front	b ₁₀	mm				665.5 (Equipped with balance wheel)
	3-6	Tread, rear	b ₁₁	mm				41.73" [1060] / 47.24" [1200] / 52.76" [1340]
	4-1	Lowered mast height	h ₁	mm	1520	1770	2020	2170
	4-2	Lift height	h ₃	mm	2000	2500	3000	3300
	4-3	Extended mast height	h ₄	mm	2520	3020	3520	3820
	4-4	Height of tiller in driving position, min./max.	h ₁₄	mm				910 / 1290
	4-5	Height, lowered	h ₁₃	mm				80
	4-6	Overall length	l ₁	mm				1698 (Standard 1070mm fork length)
DIMENSIONS	4-7	Length to face of forks	l ₂	mm				628
	4-8	Overall width across chassis	b ₁	mm				820
	4-9	Overall width across all/outer width straddle	b ₂	mm				1135 / 1275 / 1415
	4-10	Inner width straddle	b ₁₄	mm				985 / 1125 / 1265
	4-11	Fork dimensions	s/e/l	mm				40 × 100 × 1070 (1150 / 1220)
	4-12	Width over forks	b ₅	b ₅ [mm]				200-795 (Adjustable)
	4-13	Ground clearance, centre of wheelbase	m ₂	m ₂ [mm]				40
	4-14	Aisle width for pallets 1000 × 1200 crossways	Ast	Ast[mm]				2290
	4-15	Aisle width for pallets 800 × 1200 lengthways	Ast	Ast[mm]				2217
PERFORMANCE	4-16	Turning radius	Wa	Wa[mm]				1455
	5-1	Travel speed, with/without load	—	km/h				4 / 4.5
	5-2	Lift speed, without load	—	mm/s				0-230
	5-3	Lift speed, with load	—	mm/s				0-123
	5-4	Lowering speed, without load	—	mm/s				26-278
	5-5	Lowering speed, with load	—	mm/s				28-164
	5-6	Max. gradeability, with/without load	—	%				5/10
	5-7	Service brake	—					Electromagnetic
	6-1	Drive motor rating S2 60 min	—	kW				0.75
ELECTRIC	6-2	Lift motor rating at S3 15%	—	KW				2.5
	6-3	Battery voltage/nominal capacity K5 (lithium-ion battery)	—	V/Ah				24V / 60Ah × 1 / 24V / 100Ah × 1
	6-4	Battery voltage/nominal capacity K5 (lead-acid battery)	—	V/Ah				12V / 71Ah × 2 / 12V / 89Ah × 2
	6-5	Battery weight +/- 5% (lithium-ion battery)	—	kg				14kg (60Ah) / 24kg (100Ah)
	6-6	Battery weight +/- 5% (lead-acid battery)	—	kg				23.3 × 2 (71Ah) / 25.8 × 2 (89Ah)
	6-7	Energy consumption according to EN 16796	—	kWh				0.42
	7-1	Type of drive control	—					DC speed control
OTHER	7-2	Sound level at the driver's ear according to EN 12053	—	dB(A)				<75

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SC1.5 SL SPECIFICATIONS

GENERAL	1-1	Manufacturer						Hyster	
	1-2	Model designation						SC1.5 SL	
	1-3	Drive: electric (battery or mains), diesel, gasoline, LPG	—	—				Electric (battery)	
	1-4	Operator type: hand, pedestrian, standing, seated, order-picker	—	—				Pedestrian	
	1-5	Load capacity/rated load	Q	kg				1500	
	1-6	Load centre distance	c	mm				600	
	1-7	Load distance, centre of drive axle to fork	x	mm				767.5	
	1-8	Wheelbase	y	mm				1218	
WEIGHT	2-1	Service weight (without battery)	—	kg	581.6	604.6	634.6	666.6	702.6
	2-2	Service weight (with 60Ah lithium-ion battery)	—	kg	598.6	621.6	651.6	683.6	719.6
	2-3	Service weight (with 100Ah lithium-ion battery)	—	kg	605.6	628.6	658.6	690.6	726.6
	2-4	Service weight (with battery 71Ah)	—	kg	628	651	681	713	749
	2-5	Service weight (with battery 89Ah)	—	kg	633.2	656.2	686.2	718.2	754.2
	2-6	Axle loading, laden front/rear (2.5m lifting height)	—	kg				636.6 / 1485	
	2-7	Axle loading, unladen front/rear (2.5m lifting height)	—	kg				466 / 155.6	
	3-1	Wheels	—	—				Polyurethane	
TIRES	3-2	Wheel size, front	Ø × width	mm				φ210 × 70	
	3-3	Wheel size, rear	Ø × width	mm				φ100 × 64	
	3-4	Wheels, number front/rear (x = driven wheels)	—	—				1x +0 / 2 or 1x +2 / 4 (with balance wheel)	
	3-5	Tread, front	b ₁₀	mm				665.5 (Equipped with balance wheel)	
	3-6	Tread, rear	b ₁₁	mm				41.73" [1060] / 47.24" [1200] / 52.76" [1340]	
	4-1	Lowered mast height	h ₁	mm	1520	1770	2020	2170	2270
	4-2	Lift height	h ₃	mm	2000	2500	3000	3300	3500
	4-3	Extended mast height	h ₄	mm	2520	3020	3520	3820	4020
DIMENSIONS	4-4	Height of tiller in driving position, min./max.	h ₁₄	mm				910 / 1290	
	4-5	Height, lowered	h ₁₃	mm				80	
	4-6	Overall length	l ₁	mm				1698 (Standard 1070mm fork length)	
	4-7	Length to face of forks	l ₂	mm				628	
	4-8	Overall width across chassis	b ₁	mm				820	
	4-9	Overall width across all/outer width straddle	b ₂	mm				1150 / 1290 / 1430	
	4-10	Inner width straddle	b ₁₄	mm				970 / 1110 / 1250	
	4-11	Fork dimensions	s/e/l	mm				40 × 100 × 1070 (1150 / 1220)	
	4-12	Width over forks	b ₅	b ₅ [mm]				200-795 (Adjustable)	
	4-13	Ground clearance, centre of wheelbase	m ₂	m ₂ [mm]				40	
	4-14	Aisle width for pallets 1000 × 1200 crossways	Ast	Ast[mm]				2290	
	4-15	Aisle width for pallets 800 × 1200 lengthways	Ast	Ast[mm]				2217	
	4-16	Turning radius	Wa	Wa[mm]				1455	
PERFORMANCE	5-1	Travel speed, with/without load	—	km/h				4 / 4.5	
	5-2	Lift speed, without load	—	mm/s				0-185	
	5-3	Lift speed, with load	—	mm/s				0-101	
	5-4	Lowering speed, without load	—	mm/s				21.7-208	
	5-5	Lowering speed, with load	—	mm/s				25.6-137	
	5-6	Max. gradeability, with/without load	—	%				5/10	
	5-7	Service brake	—					Electromagnetic	
ELECTRIC	6-1	Drive motor rating S2 60 min	—	kW				0.75	
	6-2	Lift motor rating at S3 15%	—	kW				2.5	
	6-3	Battery voltage/nominal capacity K5 (lithium-ion battery)	—	V/Ah				24V / 60Ah × 1 / 24V / 100Ah × 1	
	6-4	Battery voltage/nominal capacity K5 (lead-acid battery)	—	V/Ah				12V / 71Ah × 2 / 12V / 89Ah × 2	
	6-5	Battery weight +/- 5% (lithium-ion battery)	—	kg				14kg (60Ah) / 24kg (100Ah)	
	6-6	Battery weight +/- 5% (lead-acid battery)	—	kg				23.3 × 2 (71Ah) / 25.8 × 2 (89Ah)	
	6-7	Energy consumption according to EN 16796	—	kWh				0.42	
OTHER	7-1	Type of drive control	—					DC speed control	
	7-2	Sound level at the driver's ear according to EN 12053	—	dB(A)				<75	

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FEATURES AND OPTIONS

PERFORMANCE	STD	OPT
24V system with brush motor	x	
Mechanical steering	x	
Proportional speed on lifting/lowering	x	
Std environmental construction (0–45°C)	x	
DRIVE	STD	OPT
φ100 × 64mm single polyurethane load wheel (REACH)	x	
φ210 × 75mm polyurethane (REACH) drive wheel	x	
φ75 × 30mm double balance wheel		x
LIFT	STD	OPT
2 stage no free lift – 1770mm/2500mm/3020mm	x	
2 stage no free lift – 2020mm/3000mm/3520mm		x
2 stage no free lift – 2270mm/3500mm/4020mm		x
HANDLING	STD	OPT
1070mm × 200–800mm forks	x	
1150mm × 200–800mm forks		x
H60×W90mm straddle leg	x	
OPERATION	STD	OPT
Key switch	x	
MDI display – multi-function LCD screen display show working status, hourmeter, BDI, error code	x	
Two side proportional control knob	x	
VISIBILITY	STD	OPT
Metal wiremesh	x	
Lexan shield		x

ENERGY SYSTEM	STD	OPT
24V/60Ah lithium battery (CE)	x	
24V/100Ah lithium battery (CE)		x
24V/71Ah maintenance free lead-acid battery (CE & UL)		x
24V/89Ah maintenance free lead-acid battery (CE & UL)		x
On-board charger plug (European Std) type F	x	
On-board charger plug (China, India, Europe, South Africa, Switzerland Std) type C		x
On-board charger plug (British Std) type G		x
On-board charger plug (Israeli Std) type H		x
On-board charger plug (Switzerland Std) type J		x
On-board charger plug (Italian Std) type L		x
SUPPLEMENTAL	STD	OPT
12 months/no hour limit full truck warranty, 36 months/6,000 hours powertrain warranty, lifetime frame warranty; please see full warranty statement for additional details.	x	
Operating manual	x	
Parts manual		x



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