

# SC1.2-1.5 SL SERIES

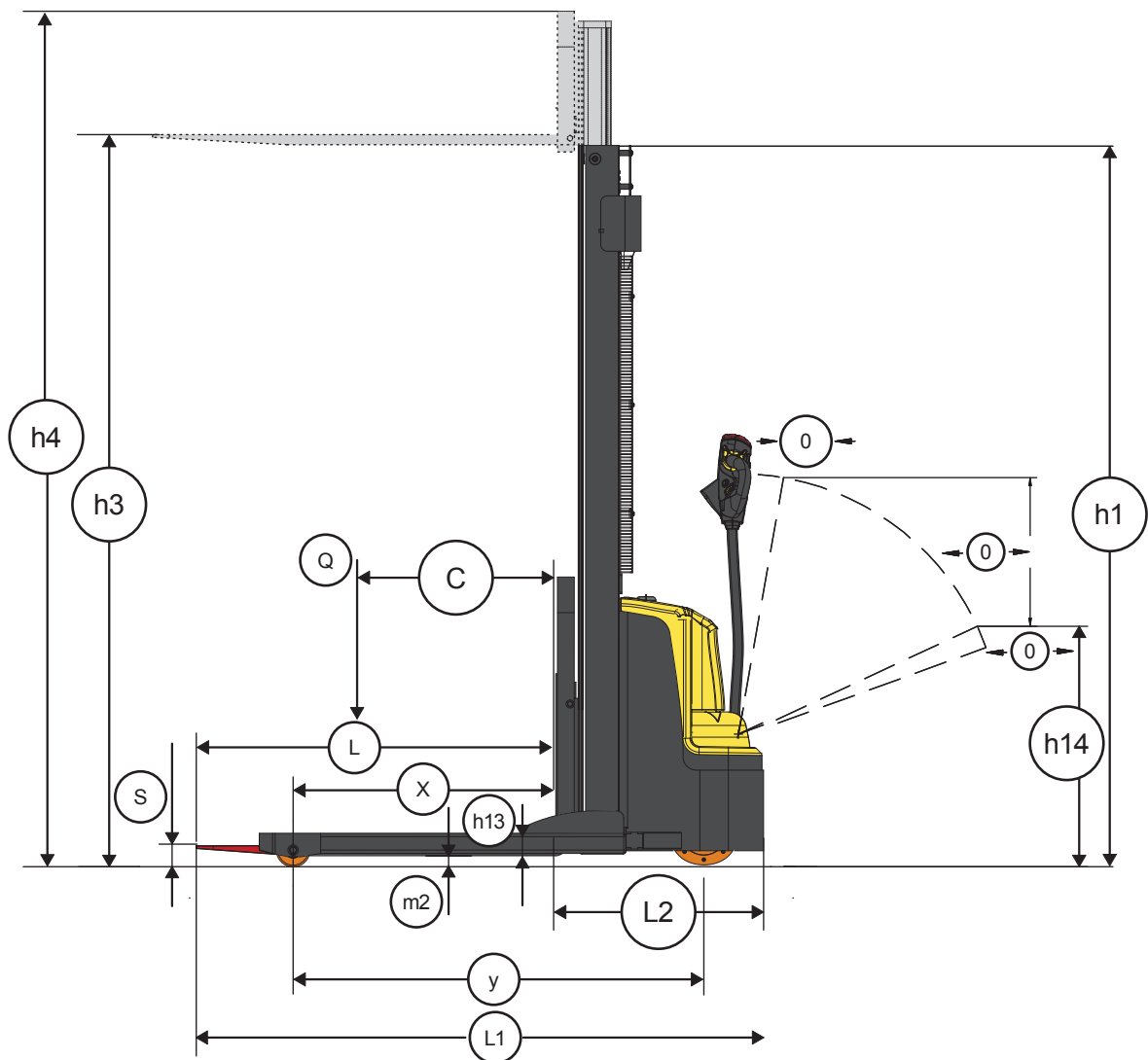
---



**PEDESTRIAN STRADDLE  
LEG STACKER**  
Product Technical Guide

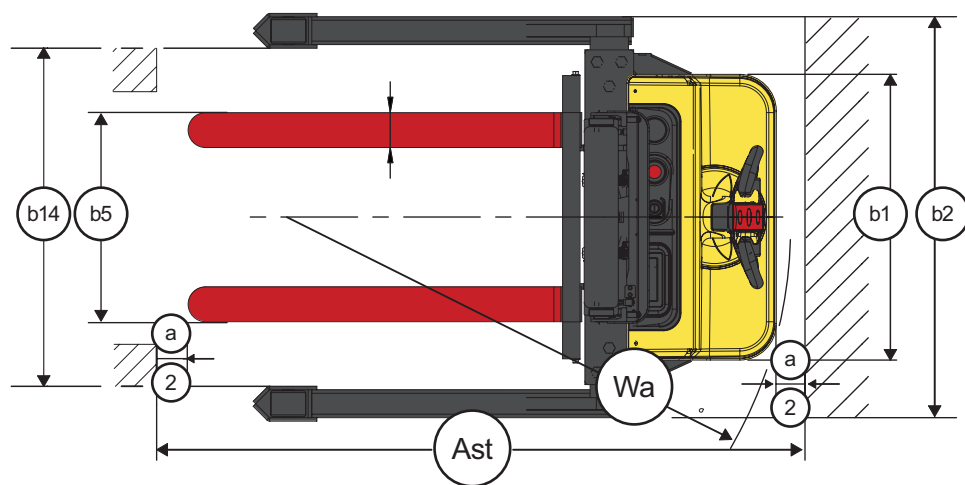


## SC1.2-1.5 SL DIMENSIONS



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				
WEIGHT	2-1	Service weight (without battery)	—	kg	580	603	633	665	701
	2-2	Service weight (with 60Ah lithium-ion battery)	—	kg	597	620	650	682	718
	2-3	Service weight (with 100Ah lithium-ion battery)	—	kg	604	627	657	689	725
	2-4	Service weight (with battery 71Ah)	—	kg	626.4	649.4	679.4	711.4	747.4
	2-5	Service weight (with battery 89Ah)	—	kg	631.6	654.6	684.6	716.6	752.6
	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				
TYRES	3-1	Wheels	—	—	Polyurethane				
	3-2	Wheel size, front	Ø × width	mm	φ210 × 70				
	3-3	Wheel size, rear	Ø × width	mm	φ100 × 49				
	3-4	Wheels, number front/rear (x = driven wheels)	—	—	1x +0 / 2 or 1x +2 / 4 (with balance wheel)				
	3-5	Tread, front	b <sub>10</sub>	mm	665.5 (Equipped with balance wheel)				
	3-6	Tread, rear	b <sub>11</sub>	mm	41.73" (1060) / 47.24" (1200) / 52.76" (1340)				
DIMENSIONS	4-1	Lowered mast height	h <sub>1</sub>	mm	1520	1770	2020	2170	2270
	4-2	Lift height	h <sub>3</sub>	mm	2000	2500	3000	3300	3500
	4-3	Extended mast height	h <sub>4</sub>	mm	2520	3020	3520	3820	4020
	4-4	Height of tiller in driving position, min./max.	h <sub>14</sub>	mm	910 / 1290				
	4-5	Height, lowered	h <sub>13</sub>	mm	80				
	4-6	Overall length	l <sub>1</sub>	mm	1698 (Standard 1070mm fork length)				
	4-7	Length to face of forks	l <sub>2</sub>	mm	628				
	4-8	Overall width across chassis	b <sub>1</sub>	mm	820				
	4-9	Overall width across all/outer width straddle	b <sub>2</sub>	mm	1135 / 1275 / 1415				
	4-10	Inner width straddle	b <sub>14</sub>	mm	985 / 1125 / 1265				
	4-11	Fork dimensions	s/e/l	mm	40 × 100 × 1070 (1150 / 1220)				
	4-12	Width over forks	b <sub>5</sub>	b <sub>5</sub> (mm)	200-795 (Adjustable)				
	4-13	Ground clearance, centre of wheelbase	m <sub>2</sub>	m <sub>2</sub> (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	0-230				
	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				
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				

Truck performance and dimensions are nominal and subject to tolerances.  
Hyster products and specifications are subject to change without notice.

# 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				
TYRES	3-1	Wheels	—	—	Polyurethane				
	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 <sub>10</sub>	mm	665.5 (Equipped with balance wheel)				
	3-6	Tread, rear	b <sub>11</sub>	mm	41.73" (1060) / 47.24" (1200) / 52.76" (1340)				
DIMENSIONS	4-1	Lowered mast height	h <sub>1</sub>	mm	1520	1770	2020	2170	2270
	4-2	Lift height	h <sub>3</sub>	mm	2000	2500	3000	3300	3500
	4-3	Extended mast height	h <sub>4</sub>	mm	2520	3020	3520	3820	4020
	4-4	Height of tiller in driving position, min./max.	h <sub>14</sub>	mm	910 / 1290				
	4-5	Height, lowered	h <sub>13</sub>	mm	80				
	4-6	Overall length	l <sub>1</sub>	mm	1698 (Standard 1070mm fork length)				
	4-7	Length to face of forks	l <sub>2</sub>	mm	628				
	4-8	Overall width across chassis	b <sub>1</sub>	mm	820				
	4-9	Overall width across all/outer width straddle	b <sub>2</sub>	mm	1150 / 1290 / 1430				
	4-10	Inner width straddle	b <sub>14</sub>	mm	970 / 1110 / 1250				
	4-11	Fork dimensions	s/e/l	mm	40 × 100 × 1070 (1150 / 1220)				
	4-12	Width over forks	b <sub>5</sub>	b <sub>5</sub> (mm)	200-795 (Adjustable)				
	4-13	Ground clearance, centre of wheelbase	m <sub>2</sub>	m <sub>2</sub> (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				

Truck performance and dimensions are nominal and subject to tolerances.  
Hyster products and specifications are subject to change without notice.

## 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 maintenace free lead-acid battery (CE & UL)		x
24V/89Ah maintenace 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



#### HYSTER EUROPE


Centennial House, Building 4.5, Frimley Business Park,  
Frimley, Surrey, GU16 7SG, United Kingdom

Visit us online at [www.hyster.com](http://www.hyster.com) or call us at +44 (0) 1276 538500.

Hyster-Yale U.K. Limited trading as HYSTER EUROPE.

Registered Address: Centennial House, Building 4.5, Frimley Business Park, Frimley, Surrey GU16 7SG, United Kingdom.

Registered in England and Wales. Company Registration Number: 02636775.

©2025 Hyster-Yale Materials Handling, Inc. all rights reserved. Hyster and  are trademarks of Hyster-Yale Materials Handling, Inc. Hyster products are subject to change without notice. Trucks may be shown with optional equipment.

