



**STRONG PARTNERS.
TOUGH TRUCKS.™**



TECHNICAL GUIDE S1.5UT S SERIES



WWW.HYSTER.COM

> S1.5UT S

GENERAL	1-1	Manufacturer			HYSTER	
	1-2	Model designation			S1.5UT S	
	1-3	Drive			Electric (battery)	
	1-4	Operator type			Pedestrian / Standing	
	1-5	Rated capacity/rated load	Q ₁	t	1.5	
	1-6	Load centre distance	c	mm	600	
	1-8	Load distance, centre of drive axle to fork	x	mm	672	
	1-9	Wheelbase	y	mm	1378	
	WEIGHT	2-1	Service weight		kg	1180 / 1205 / 1220 / 1230 / 1280 / 1300 / 1320
2-2-1		Axle loading with load, front / rear		kg	1830	1140
2-3-1		Axle loading without load, front / rear		kg	1040	470
WHEELS	3-1	Tyre type			Polyurethane	
	3-2	Tyre size, front			250 x 70	
	3-3	Tyre size, rear			80 x 84	
	3-4	Additional wheels (dimensions)			150 x 60	
	3-5	Wheels, number front / rear (x = driven wheels)			1x+2/4	
	3-6	Tread, front	b ₁₀	mm	580	
	3-7	Tread, rear	b ₁₁	mm	404 / 530	
DIMENSIONS	4-2	Height, mast lowered	h ₁	mm	1735 / 1985 / 2135 / 2235 / 2050 / 2210 / 2410	
	4-3	Free lift	h ₂	mm	1300 / 1550 / 1700 / 1800 / 1570 / 1740 / 1940	
	4-4	Lift	h ₃	mm	2500 / 3000 / 3300 / 3500 / 4500 / 5000 / 5600	
	4-5	Height, mast extended	h ₄	mm	2955 / 3455 / 3755 / 3955 / 5030 / 5510 / 6110	
	4-15	Height, lowered	h ₁₃	mm	90	
	4-19-1	Overall length (pedestrian)	l ₁	mm	2020	
	4-19-2	Overall length (standing)	l ₁	mm	2100	
	4-20	Length to face of forks	l ₂	mm	950	
	4-21	Overall width	b ₁	mm	850	
	4-22	Fork dimensions DIN ISO 2331	s/e/l	mm	60 x 180 x 1150	
	4-25	Distance between fork-arms	b ₅	mm	570	
	4-32	Ground clearance, centre of wheelbase	m ₂	mm	31	
	4-34-1	Aisle width for pallets 1000 × 1200 crossways	A _{st}	mm	2535	
	4-34-4	Aisle width for pallets 800 × 1200 lengthways	A _{st}	mm	2515	
	4-35-1	Turning radius	W _a	mm	1655	
PERFORMANCE	5-1	Travel speed with / without load		km/h	6.5	6.7
	5-1-1	Travel speed with / without load, backwards (pedestrian)		km/h	6.0	
	5-2	Lifting speed with / without load		m/s	0.11	0.14
	5-3	Lowering speed with / without load		m/s	0.12	0.12
	5-9	Max. gradeability - 1.6 km/h, with / without load		%	8.0	150
	5-10	Service brake			Electromagnetic	
6-4	Battery voltage/nominal capacity K5		V/Ah	24V / 240Ah (24V / 300Ah Optional)		
6-5	Battery weight		kg	220 (260 Optional)		
10-7	Average noise level at the operator's ear according to EN 12053			dB (A)	70	

NOTES:

Specifications are affected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. Inform your dealer of the nature and condition of the intended operating area when purchasing your Hyster® truck.


NOTICE:

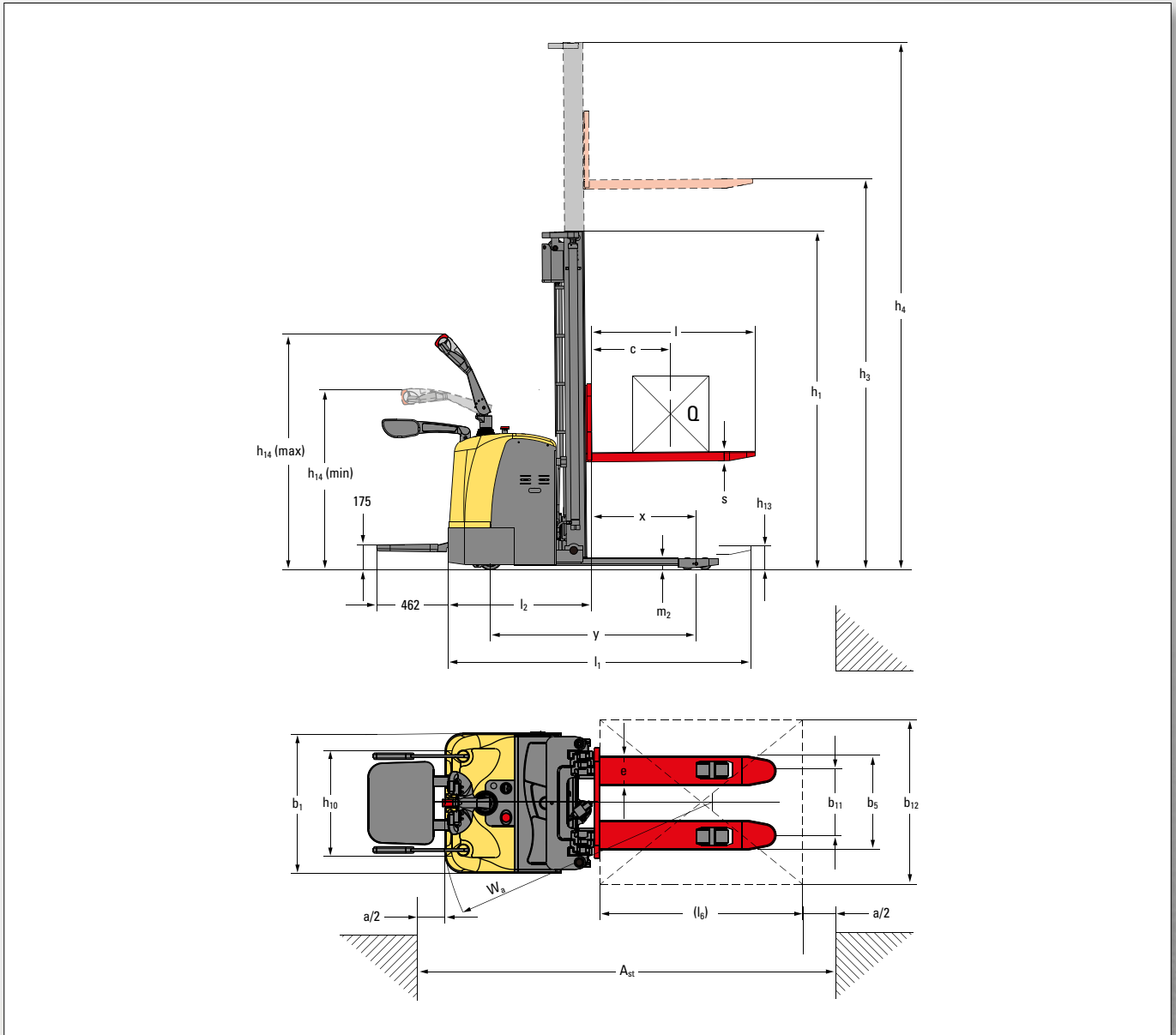
Care must be exercised when handling elevated loads. Operators must be trained and must read, understand and follow the instructions contained in the Operating Manual.

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer.

Hyster products are subject to change without notice.

Lift trucks illustrated may feature optional equipment. Values may vary with alternative configurations.

 **Safety:** This truck conforms to the current EU requirements.



The Hyster® platform stackers S1.5UT S delivers a low cost of operation. These robust stackers can optimise vehicle loading and unloading operations, as well as boosting pallet transportation rates over short and long distances.

PRODUCTIVITY

- Maintenance free AC motor.
- Multi-function display with BDI and hour meter.
- Emergency reversing button.
- Auto deceleration function.
- Low speed switch.
- Variable speed control.
- Sideways battery removal is easy to maintain.
- Built-in pressure relief valve protects from overloads.

- Emergency power disconnect switch.
- Cushioned ergonomic platform.

OPTIMUM STRUCTURAL DESIGN

- Low centre of gravity enhances stability.
- Full free lift mast options for low overhead clearance.
- Adjustable balance caster improves stability.
- Durable plastic covers.

SERVICEABILITY

- Low voltage protection setting extends the battery life.
- CANbus technology.
- Simple electronic components makes troubleshooting and servicing more efficient.
- Hall effect sensors reduce wear and increase component life.

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FOR DEMANDING OPERATIONS, EVERYWHERE.

Hyster® supplies a complete range of warehouse equipment, IC and electric counterbalanced trucks, container handlers and reach stackers. Hyster® is committed to being much more than a lift truck supplier.

Our aim is to offer a complete partnership capable of responding to the full spectrum of material handling issues: whether you need professional consultancy on your fleet management, fully qualified service support, or reliable parts supply, you can depend on Hyster®.

Our network of highly trained dealers provides expert, responsive local support. They can offer cost-effective finance packages and introduce effectively managed maintenance programmes to ensure that you get the best possible value. Our business is dealing with your material handling needs so you can focus on the success of your business today and in the future.




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