

S1.5UT



PEDESTRIAN HIGH LIFT STACKER

Product Technical Guide



S1.5UT SPECIFICATIONS

GENERAL	1-1	Manufacturer		HYSTER	
	1-2	Model designation		S1.5UT	
	1-3	Drive		Electric (battery)	
	1-4	Operator type		Pedestrian	
	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	697
	1-9	Wheelbase	y	mm	1383
WEIGHT	2-1	Service weight		kg	1260 / 1280 / 1300
	2-2-1	Axle loading with load, front / rear		kg	1440 / 1280
	2-3-1	Axle loading without load, front / rear		kg	870 / 350
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+1/4	
	3-6	Tread, front	b ₁₀	mm	520
	3-7	Tread, rear	b ₁₁	mm	404 / 525
DIMENSIONS	4-2	Height, mast lowered	h ₁	mm	2050 / 2210 / 2410
	4-3	Free lift	h ₂	mm	1570 / 1740 / 1940
	4-4	Lift	h ₃	mm	4500 / 5000 / 5600
	4-5	Height, mast extended	h ₄	mm	5030 / 5510 / 6110
	4-9	Height drawbar in driving position min./max.	h ₁₄	mm	670 / 1300
	4-15	Height, lowered	h ₁₃	mm	90
	4-19-1	Overall length	l ₁	mm	1950
	4-20	Length to face of forks	l ₂	mm	878
	4-21	Overall width	b ₁	mm	820
	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 x 1200 crossways	Ast2	mm	2450
	4-34-4	Aisle width for pallets 800 x 1200 lengthways	Ast2	mm	2420
	4-35-1	Turning radius (pedestrian)	W ₃ 2	mm	1575
PERFORMANCE	5-1	Travel speed with / without load		km/h	5.8 / 6.0
	5-2	Lifting speed with / without load		m/s	0.06 / 0.13
	5-3	Lowering speed with / without load		m/s	0.15 / 0.13
	5-9	Max. gradeability - 1.6 km/h, with / without load		%	8.0 / 15.0
	5-10	Service brake			Electromagnetic
ELECTRIC MOTOR	6-1	Drive motor, S2 60 min rating		kW	1.2KW
	6-2	Lift motor S3 15% rating		kW	3KW
	6-4	Battery voltage/nominal capacity K5		V/Ah	24V / 240Ah
	6-5	Battery weight		kg	220
	6-6	Energy consumption according to VDI cycle		kWh/h at number of cycles	0.57
	10-7	Average noise level at the operator's ear according to EN 12053		dB (A)	65

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.

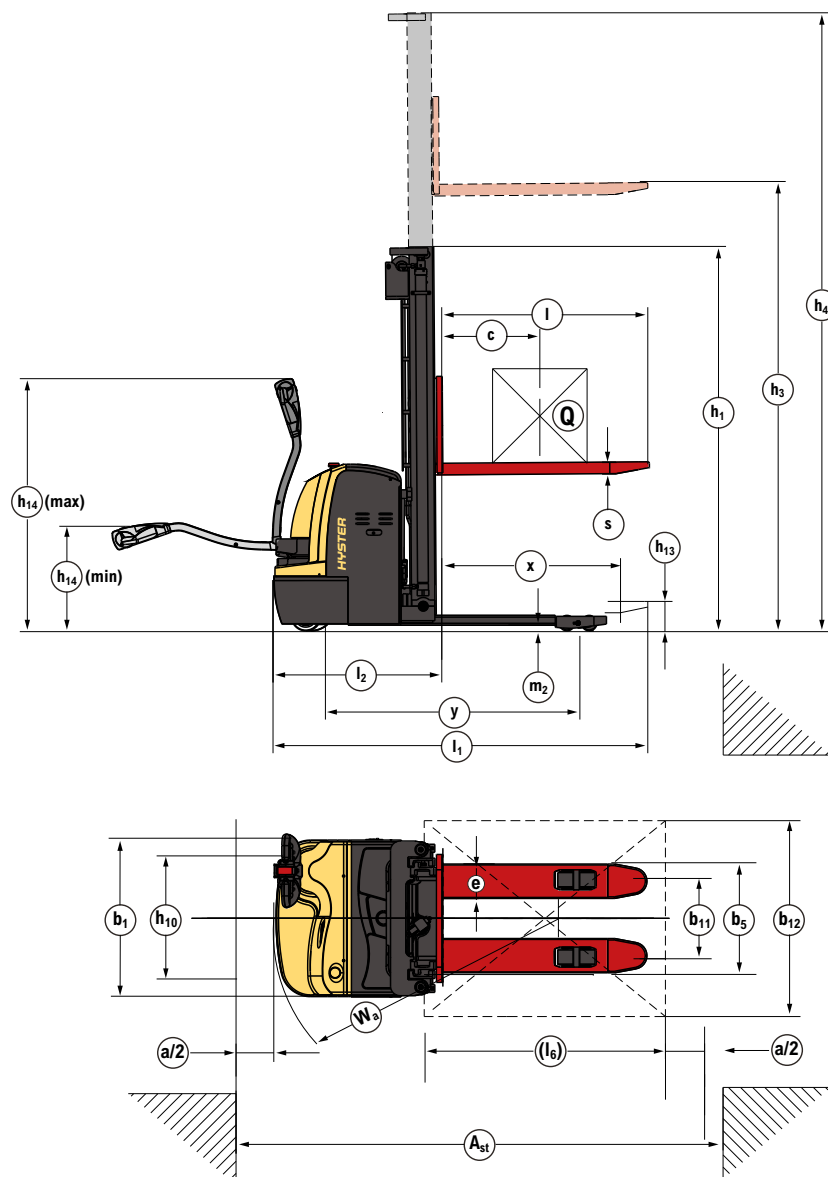
Hyster products are subject to change without notice.

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



Safety: This truck conforms to the current EU requirements.

S1.5UT TRUCK DIMENSIONS



PRODUCT FEATURES

The Hyster® pedestrian stacker S1.5UT gives the user substantial productivity capabilities with the operational cost of a pedestrian stacker. The versatility of selectable performance modes as well as useful features helps to increase user productivity.

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 with rollers.

- Built-in pressure relief valve protects the trucks from overloads.
- Emergency power disconnect switch.

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 battery 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.



HYSTER EUROPE

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Safety: This truck conforms to the current EU requirements

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