



STRONG PARTNERS. TOUGH TRUCKS.

**Rider Stacker
RS1.2-RS1.5**

1 200 – 1 500 kg



Mast and Capacity Information

Values shown are for standard equipment. When using non-standard equipment these values may change. Please contact your Hyster dealer for information.

Mast details RS1.2-RS1.5

	Lift height mm (h_3)	Maximum fork height mm ($h_3 + h_{13}$)	Overall lowered height mm (h_4)	Overall extended height mm (h_4) □	Free lift mm (h_2)
2-Stage	2 965	3 050	1 970 ✦	3 535	100
	3 365	3 450	2 170 ✦	3 935	100
	3 765	3 850	2 370 ✦	4 335	100
	4 165	4 250	2 570 ✦	4 735	100
3-Stage full free lift	4 025	4 110	1 820	4 590	1 255
	4 325	4 410	1 920	4 890	1 355
	4 625	4 710	2 020	5 190	1 455

Forks:

RS1.2-RS1.5: 65 x 180 x 1 160 mm long

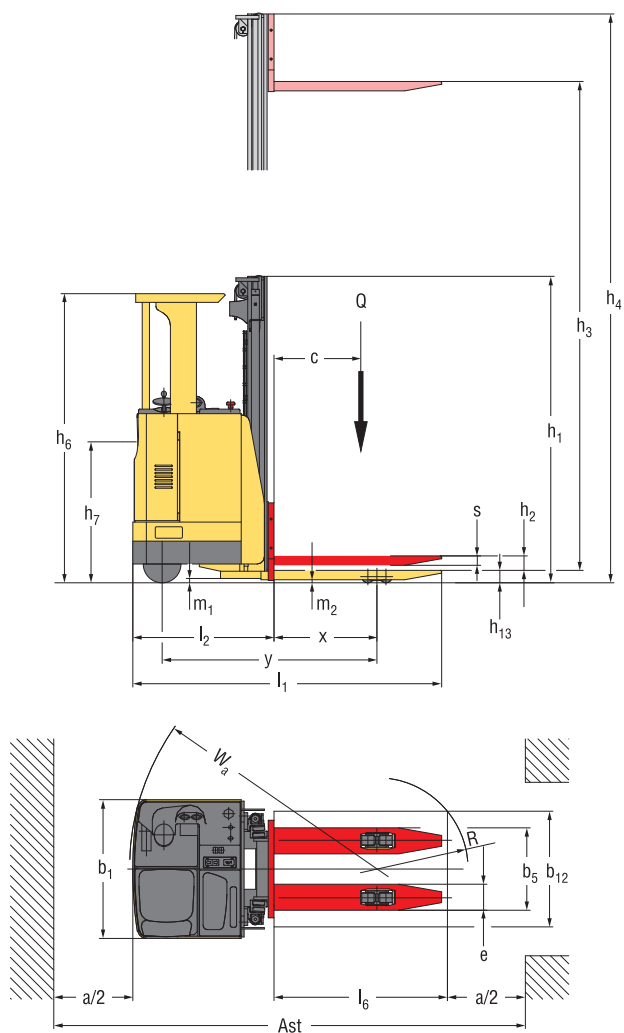
Fork spacing:

Inside to inside: 210 mm

Outside to outside: 570 mm

Other fork lengths and widths optional.

Truck dimensions



$$Ast = W_a + R + a \text{ (see lines 4.33 and 4.34)}$$

$$R = \sqrt{(l_6 - x)^2 + \left(\frac{b_{12}}{2}\right)^2}$$

$$a = 200 \text{ mm}$$

NOTE:

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. If these specifications are critical, the proposed application should be discussed with your dealer.

- ❖ With 100 mm free lift
- Add 530 mm with load back rest

Notice

Care must be exercised when handling elevated loads. When the carriage and/or load is elevated, truck stability is reduced. It is important that mast tilt in either direction be kept to a minimum when loads are elevated. Operators must be trained and adhere to the instructions contained in the Operating Manual.

Hyster products are subject to change without notice. Lift trucks illustrated may feature optional equipment.



This truck conforms to the current EU requirements.

Product Features

Dependability

- The fully enclosed chassis provides protection for the drive train and battery.
- The 4-point wheel layout ensures optimum stability and traction while operating the truck.
- Canted load rollers on truck absorb the collision forces when truck encounters an obstacle.
- Initial lift option allows base arms to be raised for increased ground clearance during travel over ramps, dock plates and uneven floors.
- A heavy duty motor drives the pump, allowing the truck to be used to handle heavy loads.

Productivity

- The MOSFET high frequency Combi controller offers excellent traction and hydraulic control, allowing good progressive speed as well as optimum energy efficiency.
- Automatic speed reduction allows better direction control and load handling.
- All masts are designed to offer excellent visibility when travelling with forks forward and loading/unloading operations.
- A 2-stage and 3-stage full free lift mast allows optimum use of available space by using higher racks.
- The fork lifting and lowering functions are managed by the combi controller. This allows adjustments to be made to the lift and lower speed to suit application requirements.
- Truck parameter settings can be configured via the dash display to suit driver and application requirements.
- Compact chassis design improves manoeuvrability and enhances productivity performance.
- SEM motor technology provides excellent speed control with or without load, good acceleration and high torque.

Ergonomics

- Electronic Fly-by-wire steering ensures quick and effortless steering for excellent manoeuvrability.
- Adjustable steering can be set for resistance and the number of turns lock-to-lock to suit drivers experience and the application requirements.
- Adjustable steering column and seat facilitate maximised driver comfort when operating over long travel distances.
- Accelerator and brake pedals are in automotive style in order to be user friendly.
- Anti-roll back is available as standard and prevents uncontrolled travel speed and roll-back on ramps.
- Tandem load wheels adjust to work surface permitting smoother operation.
- Adjustable settings allow truck performance to be varied to suit driver and application.
- Panorama mast with durable mesh guard allows optimum visibility.

Low cost of ownership

- Power is transmitted via helicoidal gears, which are positioned in an oil bath, to reduce component wear and tear.
- Load rollers are pre-lubricated and sealed to reduce maintenance requirements.
- The fixed motor, mounted directly on the reduction unit eliminates flexing of power cables.
- The electronic controller with MOSFET technology delivers reliable and cost-effective operation.
- Regenerative braking dissipates the generated heat in the motor increasing the braking effect and reducing maintenance costs.
- Progressive speed control promotes efficient energy consumption.
- Extended Service intervals (12 months or 1 000 hours).

Serviceability

- The simplified wiring system of CANbus technology, eliminates wire knots, and facilitates easy maintenance access.
- On board diagnostic display provide early warning of maintenance requirements.
- Hourmeter and battery discharge indicator with lift interrupt as standard.
- Drive wheel is mounted, automotive style, to the wheel hub for easy replacement.



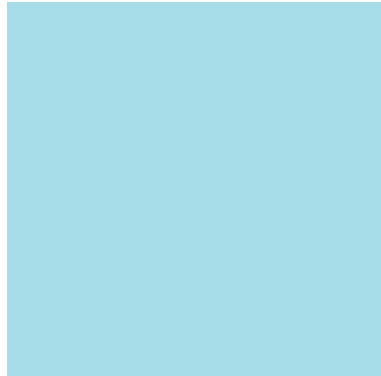
Strong Partners, Tough Trucks, for Demanding Operations Everywhere.

Hyster supplies a complete product range, including Warehouse trucks, 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 materials 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 materials handling needs so you can focus on the success of your business today and in the future.




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