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**REACH TRUCK  
1400 - 1600 KG**

**PRODUCT BROCHURE**

# R1.4-R1.6 SERIES

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# OVERVIEW

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**Driven by innovation, designed for efficiency, the new tough Hyster® Reach Truck sets the standard for warehouse operations.**

Operating at greater heights, with improved stability, visibility, manoeuvrability and control, the all-new Reach Truck is built with the quality hallmarks of Hyster: tough, intelligent, dependable and efficient.

## **Made for every operation**

The new Reach Truck range offers two models, from 1.4 to 1.6 tonnes, with a selection of four chassis lengths: more options, tailored to meet the demands of every indoor application.

## **Tough design**

Designed and tested in some of our customers' most demanding warehouse environments, the Hyster® Reach Truck offers all new and advanced operator features and functionality to excel in intense applications.

The new truck features a three piece design for more options and to reduce replacement costs, while a completely redesigned mast delivers class-leading visibility and control.

## **Durability**

Next generation controllers and motors designed and built to the exacting standards of Hyster®.

## **Intelligent design**

Reliable and productive: energy efficiency with long service intervals.

Agile and accurate: high lift (0.8m/s)/lower speeds, with outstanding all-round visibility and control.



### Made for hard work

Designed for a comfortable, productive driving experience, the new Reach Truck's ergonomically designed operator compartment, excellent visibility and manoeuvrability makes light of hard work.

- Unique premium touch screen display and adjustable steering column
- New mast design delivering excellent visibility and stability at high reach

### WHAT MAKES HYSTER® GREAT OUTDOORS, MAKES HYSTER® GREAT INDOORS...

- For demanding operations, everywhere
- Number 1 in Heavy Duty operations
- Intelligent design

The Inside story: performance indicators  
“The Hyster® Reach Truck's acceleration and faster lift speeds, together with the mast height residual capacity delivers efficiency in operation.”





# INNOVATION MEETS FUNCTION

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## For demanding operations everywhere.

Designed in Europe to the exacting standards of Hyster®, with over 55,000 man hours of product development and testing to achieve the final result: a Reach Truck packed with innovation, technically advanced yet practical, durable and dependable.



### Mast Design and construction

- Unique channel design (patent pending)
- Excellent visibility through reduced total channel width
- Residual capacity maintained to higher heights

Available with limited mast options, 6500mm, 7500mm, 8500mm & 9500mm to meet operational requirements.

### Clear visibility

Excellent all-round and 'past-the-mast' visibility for enhanced accuracy, productivity and performance in operation.

### Excellent stability

The robust mast design and construction provides high residual capacities and stable load handling throughout the height range:

- Increased operator confidence when handling loads at height
- Increased productivity through faster put away and retrieval times
- Enhanced h1:h3 ratio, lifting to a higher maximum level with a lower closed height making it easier to drive through doorways and warehouse tunnels

The Inside story: performance indicators  
"VCM with dual CANbus means more faster fault diagnostics and first time fixes for reduced downtime."

# INNOVATION MEETS FUNCTION

## MORE UPTIME, LESS DOWNTIME

Controllers placed underneath driver, allowing more space for storage and an additional handle to ease driver access and enhance visibility to the forks.

Hyster® Reach Trucks use one main truck master controller VCM (Vehicle Control Manager) to provide fully integrated controls for traction, steering and hydraulic pump motor (controllers), brakes, hydraulics, control elements, displays and all other on-board electronics.

The latest generation motor ensures electric system reliability, ease of access, enhanced diagnostic functionality and facilitates first time fixes, giving you increased productivity and reduced downtime.

## DUAL CANBUS

### (CONTROLLER AREA NETWORK)

VCM uses a dual CANbus to speed up fault diagnosis and allows the truck to operate in 'drive home' mode should a problem occur.

1. Drive motor controller
2. Hydraulic pump motor controller
3. Main truck master controller VCM (Vehicle Control Manager)
4. Steering motor controller



The Inside story: view from the cab  
“A clear view past the mast gives greater confidence  
operating at height and helps speed up the job.”

# EFFICIENCY BUILT IN

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Warehouse operations are under ever-increasing pressure to deliver more swiftly, more efficiently and more cost effectively. Our reach trucks have been optimised to meet these challenges and are more reliable, more flexible and more productive than ever.

## FASTER CYCLE TIMES

### High performance – faster cycle times

A next generation Hyster® traction motor gives powerful acceleration and an increased 0.8 metres per second lift speed up to 9.5 metres

### More manoeuvrable

A choice of 180°/360° steering, allows the Hyster® Reach Truck to operate in narrow aisles with ease and control:

- Standard: 180°
- Option: 360°

## IN CONTROL

**Braking and stability features for controlled handling in operation.**

### Auto regenerative and load braking

- Automatic braking when changing direction
- Wear-free, self-adjusting brake system – eliminates brake pads, hydraulic oil change, piping
- Easy access

### Adjustable speed reduction on cornering

- Enhanced straight line travel
- Stable manoeuvrability on cornering



# EFFICIENCY BUILT IN

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## ECO-ELO AND HIP PERFORMANCE MODES

Drive down operating costs by switching to Energy Efficiency Mode and reduce energy consumption by up to 20% without affecting productivity.

## EASE OF OPERATION

**Packed with driver-led features that streamline active service.**

### Height pre-selection option

- Driver assist feature for higher lifts
- Increase in load handling
- Helps to prevent damaged loads and racks

### Two choices of display

- Quick and easy at a glance display
- All relevant operating conditions visible on one screen
- Easy access push buttons and switches
- Service technician can easily connect to PC service tool
- Reduced speed ("creep speed") select
- Premium, enhanced technology, full colour touch screen available on all models
- Future proofed – The first Reach Truck touch screen display offering regular software upgrades

## BY INNOVATION

**Advanced features for enhanced operational performance.**

### Height indicator

- Continuous height measuring from ground up by lift height indicator shown on the display

The Inside story: view from the cab  
"Intuitive controls and driver assist options are easy to use."



# WORK HARD IN COMFORT

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**When a driver operates a Reach Truck that is comfortable, easy to operate with great visibility, work-induced fatigue during a tough shift is reduced. Alertness and productivity improves and the number of mistakes diminishes.**

Drivers are the key to every successful operation. That's why the well-being and productivity of your drivers was the starting point for the development of our new Reach Truck models. Every detail of the driver's experience was considered and built into the new Hyster® Reach Truck design.

## ERGONOMIC CONTROLS



### Arm rest / TouchPoint™ mini lever module

- Angled and contoured arm rest for increased operating comfort
- Incorporates mini lever control
- Integrated function control buttons



### Practical operator compartment

- Low step height
- Easy reach grab handles to ensure three point entry
- Generous foot space and knee room
- New wider spaced pedal arrangement with increased side clearance



### Tough steering column

- Mounted directly onto chassis
- Sturdy slider mechanism (tested to withstand downward force of 250kg)
- Extendable column for easy 'on/off' access and operator positioning

### THE INSIDE STORY: PERFORMANCE INDICATORS

"Tough on the outside is matched by driver comfort on the inside, for a more productive workforce."





### Excellent visibility

- Lowered bulkhead for excellent all round visibility
- Excellent visibility through and around the mast
- Intelligent positioning of free lift cylinder
- Enhanced visibility decreases neck, head and shoulder stress during operation

### THE INSIDE STORY: VIEW FROM THE CAB

“Everything has been designed with the driver in mind.”

# EASY, LOW COST MAINTENANCE

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The new Reach Truck is practical as well as durable. High quality materials matched with easy access service areas ensures efficient maintenance and quick repairs to minimise your downtime and maintain high productivity.

Innovative technologies, robustly applied, work together to optimise the efficiency of each truck throughout the range.

- Hinged door gives easy service access to motors, hydraulics and other components
- Greased for 'life' mast rollers
- Basic display provides most critical status of components and error codes
- Single plug-in service access point for truck diagnostics
- Service technician can easily connect laptop to PC service tool
- Diagnostic plug-in point on standard and Premium displays
- Double wired CANbus and controllers
  - Easy access
  - Easy identification of possible component and wire harness failures
  - Greater number of first time fixes
- 100% leak free quick disconnect hydraulic fittings
- 3000 hour hydraulic oil and filter service interval, 7500 hour transmission oil change



The Inside story: performance indicators  
“Low maintenance features and easy access to service areas helps keep the fleet up and running.”





The Inside story: view from the cab  
“Easy daily checks and clear warnings about  
the operational status of key components.”

# REDUCING WHOLE LIFE COSTS

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**Many businesses face growing financial pressures. The costs involved in owning and running a Reach Truck are significant. Every operational detail must be optimised.**

By involving our customers at every stage of the design process we have worked with warehouse managers and business owners to identify and address the pinch points that affect different applications. From extended service intervals, more durable and long lasting components to battery management our new range delivers whatever your business demands.

## A TRUCK FOR EVERY APPLICATION:

- Food Production
- Grocery, beverage and non-food retail
- Cold stores
- Contract logistics
- Wholesale distribution
- Chemicals
- Cash and Carry
- Furniture retail
- DIY stores
- Manufacturing
- Spare parts distribution centres

The Inside story: performance indicators  
“Low cost of ownership through long service life and future-proofed technology makes the difference to the bottom line.”







### **Manufacturer warranty**

The Hyster® Reach Truck is designed to deliver the utmost in reliability, economy, productivity and profitability. Every new reach truck comes with 12 months / 2000 hour standard warranty and an additional 2 years / 4000 hours power train warranty. This includes repair and replacement of all parts not affected by accidental damage or wear in ordinary use.

### **Genuine parts**

Our rigorous development and testing is designed to ensure that our trucks deliver the highest standards of operation, reliability and performance. Our genuine parts maintain the integrity and reliability of your truck. In the unlikely circumstance of your truck needing a part urgently, we have 99% first pick availability and a rapid parts delivery service aligned with our extensive network of dealers who are on hand to get you back to work.

### **World class quality**

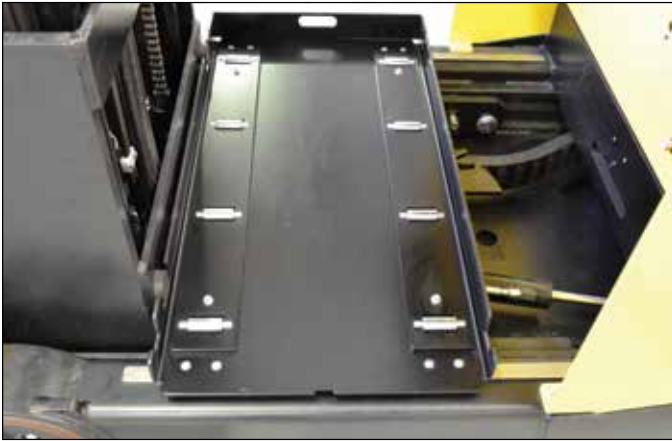
The Hyster® reputation for total customer satisfaction is a product of world-class manufacturing. By anticipating the needs of every customer, Hyster® Reach Trucks deliver performance, value and dependability, backed by the Hyster® 'First Time Right' quality commitment.

The Inside story: view from the cab  
"I know I'll be driving a great truck for  
years to come."

# A TRUCK TO MATCH EACH OPERATION

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Just as every business is structured to meet the needs of its customers, so Hyster® Reach Trucks are optimised to meet the needs of specific applications. Flexibility in design and smart technology enable us to tailor the truck to meet your exact operations. Our range of options ensures that you do not have to compromise on the specification you need to satisfy your customers.



## Frame options

- Four chassis shapes
- Integrated cold store

## Masts, fork carriages

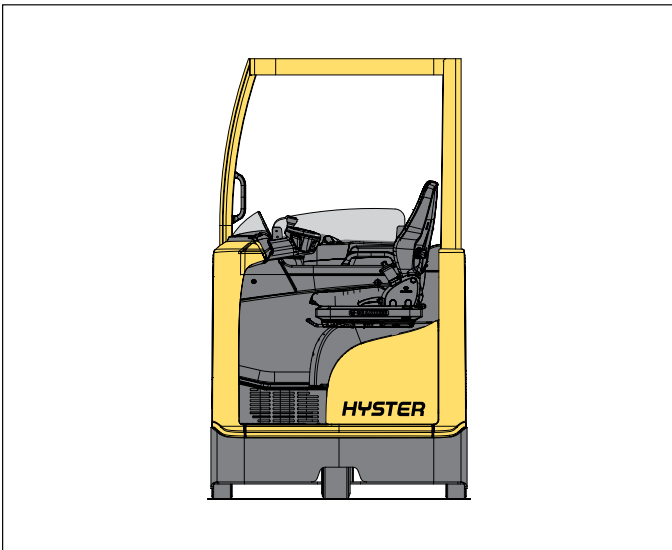
- Three stage standard
- Height range from 6.5 to 9.5m

## Overhead guard

- Standard width compartment

## Side extraction battery option











- Side extraction (roll-off/roll-off)
- For use in conjunction with manual and/or power assisted solutions
- Allows rapid battery changeover



## THE INSIDE STORY: PERFORMANCE INDICATORS

“A reach truck tailor made for every warehouse application.”

# SPECIFICATIONS

Distinguishing Mark	1.1	Manufacturer		Hyster		Hyster			
	1.2	Manufacturer's type designation		R1.4		R1.6			
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Electric (battery)		Electric (battery)			
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated		Seated			
	1.5	Rated capacity / Rated load	Q (t)	1.4		1.6			
	1.6	Load centre distance	c (mm)	600		600			
	1.8	Load distance, centre of drive axle to fork	x (mm)	402		452			
	1.9	Wheelbase	y (mm)	1400		1450			
Weight	2.1	Unladen weight	kg	3112		3162			
	2.3	Axle loading, unladen front/rear 	kg	1977	1135	2018	1144		
	2.4	Axle loading fork advanced, laden front/rear	kg	682	3830	601	4162		
	2.5	Axle loading fork retracted, laden front/rear	kg	1778	2735	1853	2909		
Tyres/Chassis	3.1	Tyres: polyurethane, tophane, vulkollan, front/rear		Vulkollan/Vulkollan		Vulkollan/Vulkollan			
	3.2	Tyre size, front	ø mm x mm	343 x 140		343 x 140			
	3.3	Tyre size, rear	ø mm x mm	285 x 100		285 x 100			
	3.5	Number of wheels, front / rear (x = driven wheels)		1x/2		1x/2			
	3.7	Tread, rear	b11 (mm)	1155		1155			
Dimensions	4.1	Mast tilt, forward α / back β	degrees	2 / 4		2 / 4			
	4.2	Height of mast, lowered	h1 (mm)	2195		2195			
	4.3	Free Lift	h2 (mm)	1648		1648			
	4.4	Lift	h3 (mm)	5000		5000			
	4.5	Height of mast, extended 	h4 (mm)	5563		5563			
	4.7	Height of overhead guard (cabin) 	h6 (mm)	2175		2175			
	4.8	Seat height relating to SIP	h7 (mm)	1082		1082			
	4.10	Height of wheel arms	h8 (mm)	308		308			
	4.19	Overall length	l1 (mm)	2379		2379			
	4.20	Length to face of forks	l2 (mm)	1229		1229			
	4.21	Overall width	b1/b2 (mm)	1265		1265			
	4.22	Fork dimensions DIN ISO 2331	s/e/l (mm)	40	80	1150	40	120	1150
	4.23	Fork carriage ISO 2328, class/type A, B		2A		2A			
	4.24	Fork carriage width	b3 (mm)	700		700			
	4.25	Distance between fork-arms min./max. 	b5 (mm)	220/640		260/680			
	4.26	Distance between wheel arms/loading surfaces	b4 (mm)	900		900			
	4.28	Reach distance	l4 (mm)	585		635			
	4.31	Ground clearance, laden, below mast	m1 (mm)	75		75			
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	75		75			
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2718		2731			
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	2764		2767			
	4.35	Turning radius	Wa (mm)	1671		1718			
	4.37	Length across wheel arms	l7 (mm)	1795		1845			
	4.43	Step height	(mm)	371		371			
Performance Data	5.1	Travel speed, laden/unladen 	km/h	11 / 11 (14 / 14)		11 / 11 (14 / 14)			
	5.1.1	Travel speed, laden/unladen, backwards 	km/h	11 / 11 (14 / 14)		11 / 11 (14 / 14)			
	5.2	Lift speed, laden/unladen 	m/s	0,37 / 0,63 (0,47 / 0,73)		0,37 / 0,63 (0,42 / 0,73)			
	5.3	Lowering speed, laden/unladen	m/s	0,55 / 0,55		0,55 / 0,55			
	5.4	Reaching speed, laden/unladen	m/s	0,15 / 0,15		0,15 / 0,15			
	5.7	Gradeability, laden/unladen	%	12 / 15		11 / 15			
	5.8	Max. gradeability laden/unladen	%	12 / 15		12 / 15			
	5.9	Acceleration time laden/unladen	s	on request		on request			
	5.10	Service brake		Electric		Electric			
Power Unit	6.1	Drive motor S2 60 minute rating	kW	6.4		6.4			
	6.2	Lift motor, S3 15% rating	kW	14		14			
	6.3	Battery according to DIN 43531/35/36 A,B,C, no		C		C			
	6.4	Battery voltage/nominal capacity K5	(V)/(Ah)	48 / 420 		48 / 420 			
	6.5	Battery weight 	kg	750		750			
	6.6	Energy consumption according to VDI cycle	kWh/h	on request		on request			
Drive / Lift Mechanism	8.1	Type of drive unit		AC		AC			
Additional Data	10.1	Operating pressure for attachments	bar	180		180			
	10.2	Oil volume for attachments	l/min	20		20			
	10.7	Sound pressure level at the driver's seat	dB (A)	<69.7		<69.7			

## 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 load backrest h4 + 508 mm (R1.4-R1.6),

□ With beacon h6 + 120 mm;  
With OHG Grid Protector h6 + 20 mm ;  
With OHG Screen Protector h6 + 30 mm

▼ These values may vary of +/- 5%.

◆ Forks retracted.

■ Battery information

● Values in brackets are optional.

✖ Side shift stroke is +/-75mm on all trucks.

## Mast Tables

▶ R1.4, R1.6 - With load backrest 1000 mm height, h4 + 508 mm

❖ All weights are: mast structures (weldment, cylinders, chain, pulley) + carriage + load backrest + oil. EXCLUDED: forks, accessories.

★ With load backrest 700 mm width, 1000 mm height, weight + 13 kg;

## Battery Tables

☉ These values may vary of +/- 5%.

← Forks retracted.

✖ Side shift stroke is +/-75mm on all trucks.

All weights (2.1 to 2.5) are with lowest mast and standard forks.

## Standard Equipment and Options

✓ Includes:

- End of stroke slow down on lift
- Soft stop on lowering
- Height controlled mast cushioning over Free Lift/Main lift mast section
- Height indicator

✓✓ DIN C battery on R1.4 / R1.6

## 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.

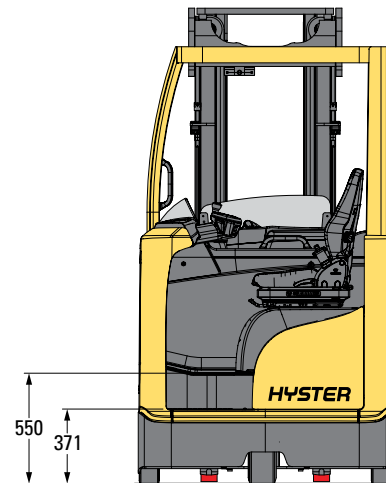
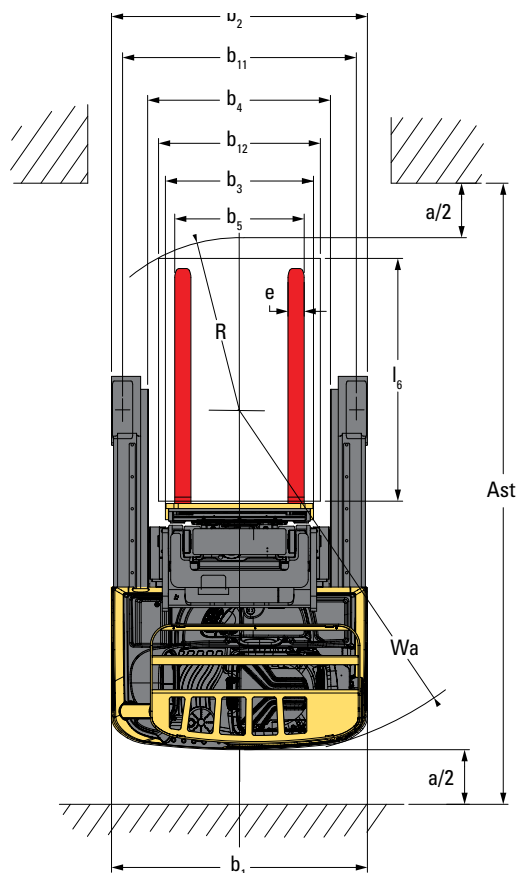
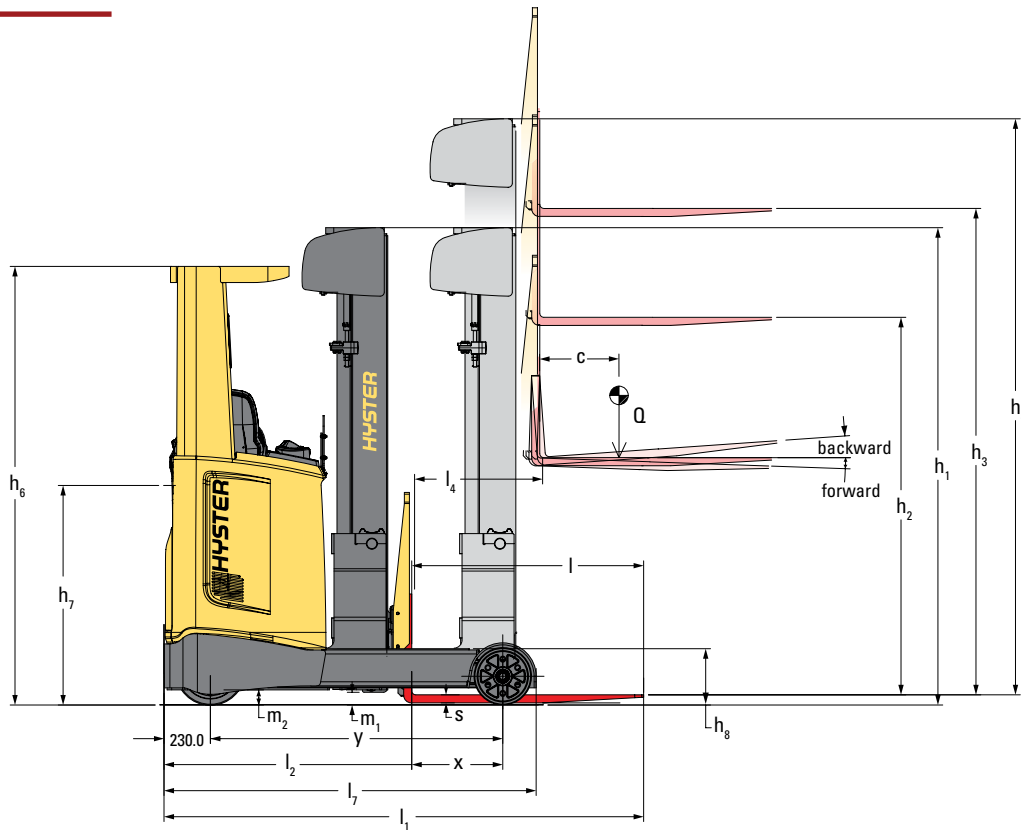
All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer.

Values may vary with alternative configurations.



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

# TRUCK DIMENSIONS



$$Ast = Wa + R + a$$

(see lines 4.34.1 and 4.34.2)

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

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

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer. Hyster products might be subject to change without notice. Lift trucks illustrated may feature optional equipment. Values may vary with alternative configurations.



# STANDARD EQUIPMENT AND OPTIONS

	Feature	R1.4/1.6
Operator Compartment	Intermediate step	X
	Grab handle on overhead guard post	X
	Grab handle under armrest	X
	TouchPoint™ mini levers mounted on adjustable length armrest	X
	Full suspension seat - 60 mm suspension travel cloth upholstery	X
	Seat belt	0
	Standard display	X
	Premium display with touch screen	0
	Keyless access	0
	Adjustable steering column	X
	Automatic park brake	X
	180° steering	X
	360° steering	0
Travel Performance	Travel speed 11 km/h	X
	Height of mast, lowered	X
	Speed slow down mast reached forward	X
	Speed slow down on cornering	X
	Speed slow down over free lift	X
Lift Performance / Driver Assist	3 stage mast / tilting carriage	X
	Simultaneous lift / reach functionality	X
	Mast cushioning over free lift/main lift sections - fixed sensor mounting	X
	Lift Comfort package ✓	0
	Height preselector (with / without pallet detection device)	0
Application Environment	Weight indicator	0
	Flashing beacon	0
	Top / front load wheel protection	0
	Side battery change - battery tray rollers	0
	Side battery change table	0
Chassis / Battery Sizes	Audible alarm	0
	Load backrest (1000 mm)	0
	Chassis width (max)	
	1265mm	X
	Battery sizes ✓✓	
	420-465 Ah	0
	560-620 Ah	0
	700-775 Ah	0

## MAST INFORMATION

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

Manufacturer's Type Designation	Lift (h3) mm	Free lift (h2) mm	Height of mast lowered (h1) mm	Height, mast extended ▶ (h4) mm	Weight ✧ ★ kg
R1.4/1.6	6500	2164	2711	7063	1060
	7500	2508	3055	8063	1164
	8500	2852	3399	9063	1299
	9500	3196	3753	10063	1407

# BATTERY INFORMATION - R1.4, R1.6

R1.4	Truck dimensions for different batteries			C "Super	C	C "Super	C	C "Super
	1.2	Manufacturer's type designation		R1.4	R1.4	R1.4	R1.4	R1.4
	1.8	Load distance, centre of drive axle to fork	x (mm)	402	330	330	258	258
	1.9	Wheelbase	y (mm)	1400	1400	1400	1400	1400
	2.1	Service weight	kg	3112	3309	3320	3495	3541
	2.3	Axle loading, unladen front/rear ←	kg	1977 / 1135	2025 / 1285	2032 / 1289	2055 / 1440	2084 / 1457
	2.4	Axle loading fork advanced, laden front/rear	kg	682 / 3830	792 / 3917	800 / 3921	885 / 4010	914 / 4027
	2.5	Axle loading fork retracted, laden front/rear	kg	1778 / 2735	1753 / 2956	1760 / 2960	1711 / 3184	1741 / 3201
	4.19	Overall length	l1 (mm)	2379	2451	2451	2523	2523
	4.20	Length to face of forks	l2 (mm)	1229	1301	1301	1373	1373
	4.28	Reach distance l4 (mm)	l4 (mm)	585	513	513	441	441
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2718	2771	2771	2825	2826
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	2764	2829	2829	2895	2895
	4.35	Turning radius	Wa (mm)	1671	1671	1671	1671	1671
	6.3	Battery according to DIN 43531/35/36 A,B,C, no		C "Super	C "Super	C "Super	C "Super	C "Super
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48 / 465	48 / 560	48 / 620	48 / 700	48 / 775
	6.5	Battery weight ⊗	kg	750	939	950	1119	1165
Dimensions	Truck dimensions for different batteries							
	1.2	Manufacturer's type designation		R1.6	R1.6	R1.6	R1.6	R1.6
	1.8	Load distance, centre of drive axle to fork	x (mm)	452	380	380	308	308
	1.9	Wheelbase	y (mm)	1450	1450	1450	1450	1450
	2.1	Service weight	kg	3162	3360	3371	3546	3592
	2.3	Axle loading, unladen front/rear ←	kg	2018 / 1144	2065 / 1291	2077 / 1294	2013 / 1443	2133 / 1459
	2.4	Axle loading fork advanced, laden front/rear	kg	601 / 4162	714 / 4246	721 / 4250	810 / 4336	839 / 4352
	2.5	Axle loading fork retracted, laden front/rear	kg	1853 / 2909	1825 / 3135	1832 / 3139	1779 / 3367	1809 / 3383
	4.19	Overall length	l1 (mm)	2379	2451	2451	2523	2523
	4.20	Length to face of forks	l2 (mm)	1229	1301	1301	1373	1373
	4.28	Reach distance l4 (mm)	l4 (mm)	635	563	563	491	491
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2731	2781	2781	2834	2834
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	2767	2830	2830	2896	2896
	4.35	Turning radius	Wa (mm)	1718	1718	1718	1718	1718
	6.3	Battery according to DIN 43531/35/36 A,B,C, no		C "Super	C "Super	C "Super	C "Super	C "Super
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48 / 465	48 / 560	48 / 620	48 / 700	48 / 775
	6.5	Battery weight ⊗	kg	750	939	950	1119	1165

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer. Hyster products might be subject to change without notice. Lift trucks illustrated may feature optional equipment. Values may vary with alternative configurations.

# PRODUCT FEATURES

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**The new tough Hyster® Reach Truck is designed for efficiency for operations at height, with excellent stability, visibility, manoeuvrability and control. The all-new Reach Truck is built with the quality hallmarks of Hyster: tough, intelligent, dependable and efficient.**

## DEPENDABILITY

- New reach truck feature modular three piece design of frame, operator compartment and overhead guard.
- Completely welded stiff and strong base frame is available in 4 different lengths to match demanding applications requirements.
- The operator compartment is a one piece welded structure developed for long term durability.
- The new overhead guard design with oval shape pillar and a round inwards bended tube for standard truck models provides excellent visibility.
- New mast incorporates new unique Hyster designed profiles that reduce the total mast channel width.
- Dual CANbus technology reduces wiring complexity for increased reliability.
- Parts communality with other counterbalance trucks, with proven reliability and durability.
- Top and partially front protected load wheels reduce damage to the load wheel and increase the lifetime of Reach Truck.

## PRODUCTIVITY

- The new, improved Hyster traction motor gives powerful acceleration and the new mast deliver 0.8 metres per second lift speed up to 9.5 metres.
- Three different steering modes: 180 degree steering as standard and 360 degree steering as option
- Limited mast selection allows truck to be configured to the needs of the application.
- Full AC infrastructure on drive, traction and hydraulic motors allows seamless changes in direction of travel, increasing cycle speeds and the control of pallet handling operations.

- Adjustable speed reduction on cornering feature provides smooth load handling and precise direction control.
- TouchPoint™ mini lever module control for all hand controlled main hydraulic functions within hand reach position.
- ECO-eLo and HiP performance modes for application matching configurations.

## ERGONOMICS

- New operator compartment layout is optimised on ergonomics and operator space. The industry lowest 371mm step height provides improved ingress/ egress with 3 point contact.
- New pedal layout increases useful operator floor space with low resistance foot pedals positioned on slightly angled floor plate for most ergonomic foot position.
- The operator presence switch is slightly rotated to the mid line off the operator seat to improve operator left foot position.
- Additional lumbar support and the fully adjustable backrest angle (with a setting range from 5° to 30°) ensure optimum driver comfort throughout the shift.
- The steering column is adjustable in length in 10 positions for best ergonomic steering wheel position.
- In length adjustable right armrest to allow for best ergonomic hand control with integrated TouchPoint™ mini lever module for all hand controlled main hydraulic functions within hand reach position.
- In front of operator positioned display to allow for easy reading without disturbing visibility.
- The drive wheel automatically moves to centre position when truck is switched on.
- New mast with optimised lift cylinders position for increased visibility incorporates new unique profiles that reduce the total mast channel width.

# PRODUCT FEATURES

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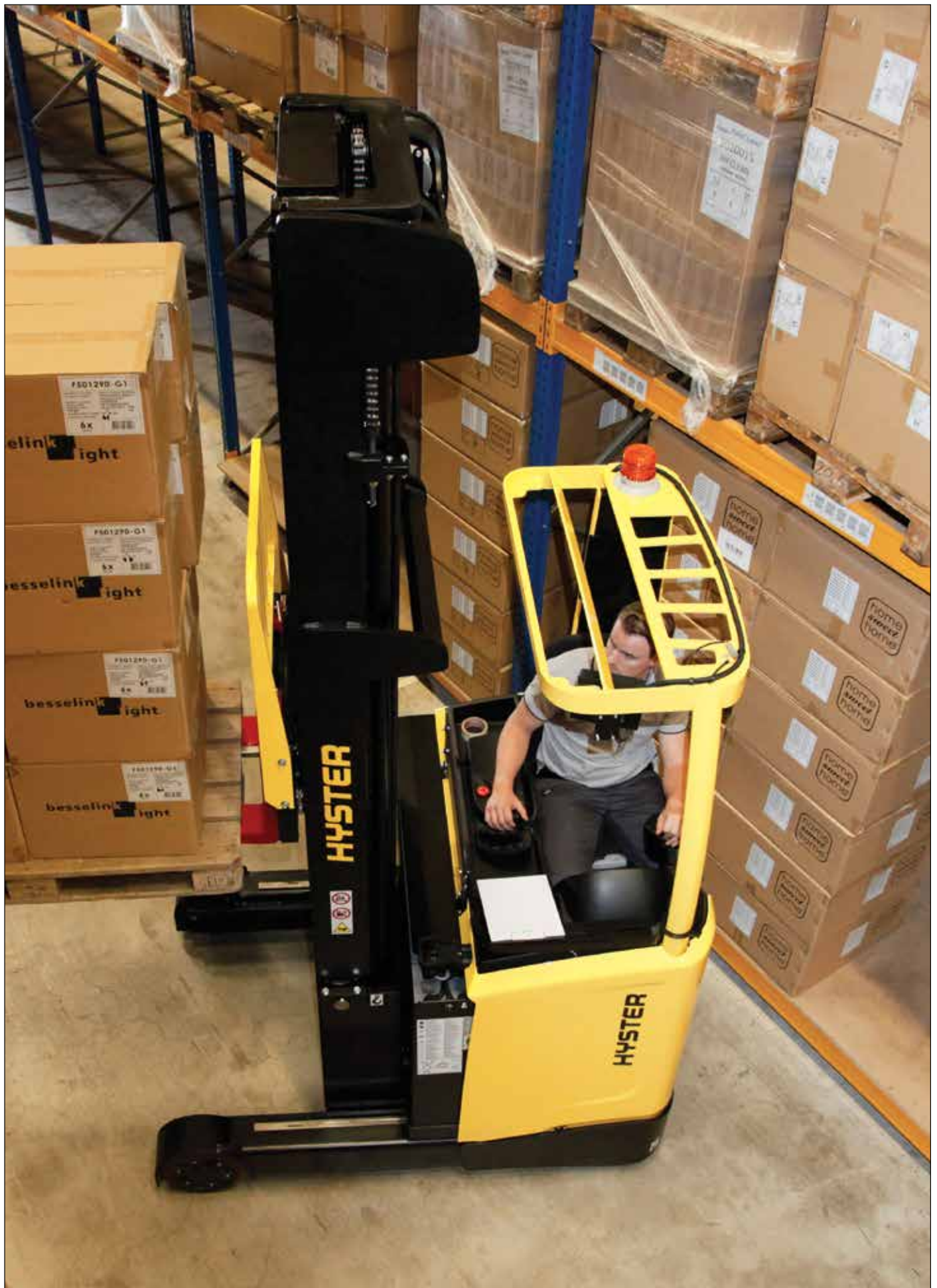
## LOW COST OF OWNERSHIP

- The new Hyster 6.4 kW traction motor gives powerful acceleration and an increased travel for superior performance and increased loads moves per hour.
- The ECO-eLo mode reduces the acceleration speed promoting efficient energy consumption difference of 5%.
- Regenerative braking dissipates the generated heat in the motor increasing the braking effect and reducing maintenance cost.
- Trucks are rated to IP65 standard, for protection against dust and water ingress.
- High level of parts communality with other Hyster products with proven reliability and durability for ease of maintenance

## SERVICEABILITY

- Standard display provides most critical status of components and error codes. Industry first Reach Truck touch screen display offering regular software upgrades.
- Hinge door in the front of the truck provide full access to the motors, hydraulics and compartment for easy service and maintenance of all components.
- VCM (Vehicle Control Manager) and Dual CANbus technology facilitates identification of failures of components and wire harness.
- AC technology minimises the dependence on mechanical parts. This leads to a reduction in service costs over the lifetime of the truck
- 100% leak free quick (dis)connect hydraulic couplings to prevent any spillage when disconnecting for maintenance.
- Service interval for hydraulic oil and filter - 3,000h, transmission oil change - 7,500h.





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