

HYWORTH
FORKLIFTS



Watch the
Walkie Stacker
in action



H14WR37

1.4T Walkie Reach Stacker 3.7m Lift

Load capacity
1.4 tonne



Collapsed height
2.040m



Lift height
3.7m



Manoeuvrability



Ease of use





The Hyworth 1.4T Walkie Reach Stacker is a versatile machine that offers all the top benefits of a forklift in a compact, stacker size - without needing a forklift licence.



This Walkie Reach Stacker is equipped with a container mast that has a low collapsed height, making it ideal for fitting within containers or doorways.

Whether trying to improve your workplace's productivity, reduce maintenance costs, or perform more tasks with one forklift, the Hyworth Walkie Reach Stacker is the perfect all-in-one solution. This highly manoeuvrable machine is ideal for transport and logistics, retail storage areas, warehouse operations, truck side-loading and other specialised operations.

Versatile and practical, the Walkie Reach Stacker can accomplish your staging and dock-to-stock needs. Equipped with a retractable scissor reach fork extension system and the ability to handle different pallets, these electric-powered machines are designed to save space and increase efficiency. The Walkie Reach Stacker is an easy-to-use, flexible, space-saving solution featuring a tight turning radius, electric power steering, and side shift. Plus, an added Moonwalk feature to negotiate tight aisle spaces with ease.



Compact

With an aisle width of only 2500mm pallet to pallet, this machine can easily fit between narrow aisles.

Manoeuvrable

With its advanced moonwalk function, the Walkie Reach Stacker is perfect for navigating narrow aisles and tight spaces.

Fast charging

Includes an industry-leading, 24-volt, 230 amp-hour lithium battery, allowing quick opportunity charging when needed.

Ultimate control

This machine has an AC drive system which is more efficient and longer lasting than a DC motor, enabling smooth and progressive control.

Improved load positioning

The side-shift function enables the operator to accurately position the load on the pallet or container, reducing risk of damage or accidents.

No forklift license required

The Hyworth Walkie Reach Stacker provides flexibility in terms of who can operate the machine, helpful for ad hoc tasks and more efficient resource allocation.

Safety & Ergonomics

Auto park brake - Ensures the vehicle is safely parked at a stop on all inclines by automatically restricting the rotation of the wheels.

Emergency reverse button - Prevents the operator from being crushed in tight environments by enabling quick reversing in an emergency.

Auto cornering speed reduction - Prevents a forklift tip-over and keeps operators safe by automatically reducing the speed of the forklift when turning a corner.

Perspex safety screen - Protects operator from the moving mast and any debris or fluids by providing a physical barrier between the operator and the outside environment.

High-performance large load wheels - Reduce operator fatigue, discomfort and damage to the forklift and load by absorbing shock and vibrations from uneven surfaces.

Mast speed reduction switch - Adjust the mast's speed to match the conditions of your working environment for added safety and efficiency when working at heights.

Efficiency & Productivity

Fast charging - Includes an industry-leading, 24-volt, 230 amp-hour lithium battery, allowing opportunity charging (such as during breaks). A long-lasting, 525 amp-hour lead acid battery option is also available.

Narrow-width straddle legs - Easily navigate between tight aisle spaces, with narrow-width lengths to support and lift loads of varying sizes.

Powerful AC drive system - Optimise power usage by adjusting the motor speed to your load requirement, and move heavier loads quickly and efficiently.

Upright handle override function - Allows the operator to use the tiller handle in the upright position to assist in moving in tight spaces.

Variable speed fingertip controls - Manoeuvre in tight spaces with greater accuracy with more precise control of the machine's reach, lift, lower, tilt and side shift functions.

Multi-function battery indicator - Avoid downtime by using the built-in diagnostics system to monitor the status of the forklift's battery and identify issues early.

Serviceability & Reliability

Maintenance-free AC drive motor - Reduce maintenance costs and downtime with an efficient and reliable AC motor, requiring little to no maintenance over its lifespan.

Opportunity charging - Maximise uptime by recharging the lithium battery during short breaks throughout the day, without reducing battery life or performance.

Fixed price servicing - Budget for your servicing costs upfront and ensure a consistent, reliable service every time with Hyworth's fixed-priced servicing.

3-year manufacturer's parts and labour warranty - Avoid out-of-pocket expenses, with the added peace of mind that your machine comes with a 3-year warranty.

Maintenance-free lithium battery - No more watering lead acid batteries or cleaning corrosion.

High-performance large load wheels - Includes Large Load Wheels for improved ground clearance and durability on uneven surfaces. Designed to reduce fatigue, discomfort and load damage by absorbing shock and vibrations.



Features



Safety & ergonomics

Auto cornering speed reduction	Included
Load guard backrest	Included
Auto speed reduction at elevated heights	Included
Emergency stop button	Included
Emergency reverse button	Included
Auto park brake	Included
Anti-roll back function	Included
Perspex safety screen	Included
Document holder	Included
Strobe light	Optional
Blue safety light	Optional
Custom load guard options	Optional



Efficiency & productivity

Narrow outer leg width of 1400mm	Included
Multi-function tiller handle	Included
Horn	Included
Key switch	Included
Upright handle override function (perfect for tight spaces)	Included
Lithium battery with fast charging and opportunity charging	Included
Switch to suspension load wheels for outer leg width of 1275mm	Optional
Digital weight gauge	Optional
Rubber gutter ramp	Optional
9-pin code access	Optional
Mast height options from 3.7m up to 5.5m	Optional
Switch to lead acid battery (525Ah). Includes single-point watering system with watering gun, and Smart Blinky battery water level indicator	Optional



Serviceability & reliability

Multi-function battery indicator with built-in diagnostics display	Included
Large load wheels for improved ground clearance	Included
Intelligent lowering mast buffer	Included
1070mm forks	Included
Various fork lengths - 1220mm, 1470mm	Optional
1800mm slipper extensions	Optional



Technical Specifications

Distinguishing Marks	1.1	Manufacturer	HYWORTH	
	1.2	Manufacturer's type designation	H14WR37	
	1.3	Drive: electric	Battery	
	1.4	Operator type	Pedestrian	
	1.5	Rated capacity/rated load	Q (kg)	1400
	1.6	Load centre distance	c (mm)	600
	1.7	Load distance, centre of drive axle to fork	x (mm)	379
	1.8	Wheelbase:	Large load y (mm)	1454
			Regular tandem y (mm)	1451
Weights	2.1	Service Weight without battery	kg	2200
Wheels, Chassis	3.1	Tyres: solid rubber, superelastic, pneumatic, polythurethane		PU
	3.2	Tyre size, front	mm	Φ250×100
	3.3	Tyre size, rear:	Large load wheels mm	Φ200×100
			Regular tandem wheels mm	Φ100×70
	3.4	Wheels, number front / rear:	Large load wheels	1×/2
			Regular tandem wheels	1×/4
	3.5	Tread, rear	Large load wheels b11 (mm)	1235
			Regular tandem wheels b11 (mm)	1170
Basic Dimensions	4.1	Tilt of mast forward/backward	/β°	3/5
	4.2	Height, mast lowered	h1 (m) m	2040
	4.3	Lift	h3 (mm)	3700
	4.4	Height, mast extended	h4 (mm)	4752
	4.5	Height of tiller in drive position min./max.	h14 (mm)	755
	4.6	Height of wheel arms:	Large load wheels h8 (mm)	150
			Regular tandem wheels h8 (mm)	130
	4.7	Height, lowered	h13 (mm)	35
	4.8	Overall length	l1 (mm)	2323 l)
	4.9	Length to face of forks	l2 (mm)	1253 l)
	4.10	Overall width:	Large load wheels b1/b2 (mm)	870/1400
			Regular tandem wheels b1/b2 (mm)	870/1270
	4.11	Fork dimensions	s/e/l (mm)	35/100/1070
	4.12	Fork-carriage width	b3 (mm)	920
	4.13	Distance between fork-arms	b5 (mm)	210~850
	4.14	Distance between wheel arms	b4 (mm)	1070
	4.15	Reach distance	l4 (mm)	590
	4.16	Ground clearance, centre of wheelbase	m2 (mm)	70
	4.17	Turning radius	Wa (mm)	1632
	4.18	Length across wheel arms	Large load wheels l7 (mm)	1762
			Regular tandem wheels l7 (mm)	1777
	4.19	Battery compartment width	l8 (mm)	340
	4.20	Battery compartment length	b6 (mm)	817
	4.21	Battery floor Height w/optional rollers	(mm)	240
	4.22	Load backrest height	h12 (mm)	1050
	4.23	Grade clearance	D(%)	46.57
	4.24	Top vertical braking Arc	Q(°)	15
	4.25	Bottom braking Arc	M(°)	10
	4.26	Handle Operating Arc	S(°)	65
Performance Data	5.1	Travel speed, laden/unladen	kph	5.5/5.5
	5.2	Lift speed, laden/unladen	m/s	0.095
	5.3	Lowering speed, laden/unladen	m/s	0.190
	5.4	Max.gradeability, laden/unladen	%	8/13
Electric Motor	6.1	Drive motor rating S2 60 min.	kW	3.0
	6.2	Lift motor rating at S3 15%	kW	3.0
	6.3	Battery voltage/nominal capacity:	Lithium battery V/Ah	25.6/230
			Lead acid battery V/Ah	24/525
	6.4	Minimum/Maximum battery weight:	Lithium battery kg	95/130
			Lead acid battery kg	400/500
Others	7.1	Type of drive control	AC CURTIS	
	7.2	Steering design	Electronic steering	
	7.3	Steering option	Moonwalk	

Specifications are subject to change without notice.

Technical drawing of the front view of a vehicle chassis. The drawing shows the engine, transmission, and rear axle assembly. Key dimensions and labels include:

- b_5 : Overall width of the chassis.
- b_4 : Width of the rear axle assembly.
- b_3 : Width of the engine/transmission area.
- b_2 : Overall width of the vehicle.
- e : Distance from the centerline to the outer edge of the rear axle.
- ϕ : Diameter of the rear axle.
- \sqrt{a} : A dimension related to the rear axle assembly.

