

HYWORTH
FORKLIFTS



**Watch the
Walkie Stacker
in action**



1.4T Walkie Reach Stacker 4.5m Lift

H14WR45

Load capacity
1.4 tonne



Collapsed height
2.290m



Lift height
4.5m



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.



Perfect for narrow aisles and tight spaces, the Walkie Reach Stacker provides a massive 4.5m lift height, all in a handy, nimble machine.

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.

Long-lasting

The industry-leading 525 amp hour battery, with a charge that lasts up to 6 hours keeps workflow moving and productivity levels high.

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 the 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 suspension 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

Long battery life - With an industry-leading 24-volt, 525 amp hour battery, this machine lasts up to 6 hours between charges.

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.

Single-point watering battery system - Save time, reduce the risk of spills and maintain the forklift's battery water levels with ease by using a single connection point.

Smart blinky LED - Maintain the battery correctly and avoid damage to the battery or truck by following clear alerts that the battery water level is low.

Polyurethane non-marking wheels - Protect your warehouse floors by eliminating marks and stains that are typically caused by black rubber tyres.

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.

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



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 1275mm	Included
Multi-function tiller handle	Included
Horn	Included
Key switch	Included
Upright handle override function - perfect for driving in tight spaces	Included
Single point watering system with watering gun	Included
Smart blinky battery water level indicator	Included
Mast height options from 3.7m up to 5.5m	Optional
Digital weight gauge	Optional
Rubber gutter ramp	Optional
9-pin code access	Optional

Serviceability/reliability

Multi-function battery indicator with built-in diagnostics display	Included
High-performance suspension load wheels	Included
Intelligent lowering mast buffer	Included
1070mm forks	Included
Various fork lengths - 1220mm, 1470mm	Optional
1800mm slipper extensions	Optional





HYWORTH
FORKLIFTS

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HYWORTH
110 BOTTLES
FULL

E-BAY

WET FLOOR
CAUTION

Technical Specifications

Walkie Reach Stacker Specification

Distinguishing marks	1.1	Manufacturer		HYWORTH
	1.2	Manufacturer's type designation		H14WR45
	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	y (mm)	1451
Weights	2.1	Service Weight without battery	kg	2200
Wheels, Chassis	3.1	Tyres:solid rubber,superelastic,pneumatic,polyurethane		PU
	3.2	Tyre size, front	mm	Φ250×100
	3.3	Tyre size, rear	mm	Φ100×70
	3.4	Wheels, number front / rear (x = driven wheels)		1x/4
	3.5	Tread, rear	b ₁₁ (mm)	1170
Basic Dimensions	4.1	Tilt of mast forward/backward	α/β(°)	3/5
	4.2	Height,mast lowered	h ₁ (mm)	2290
	4.3	Lift	h ₃ (mm)	4500
	4.4	Height, mast extended	h ₄ (mm)	5552
	4.5	Height of tiller in drive position min./max.	h ₁₄ (mm)	755
	4.6	Height of wheel arms	h ₈ (mm)	130
	4.7	Height, lowered	h ₁₃ (mm)	35
	4.8	Overall length	l ₁ (mm)	2323
	4.9	Length to face of forks	l ₂ (mm)	1253
	4.10	Overall width	b ₁ /b ₂ (mm)	870/1270
	4.11	Fork dimensions	s/e/l (mm)	35/100/1070
	4.12	Fork-carriage width	b ₃ (mm)	920
	4.13	Distance between fork-arms	b ₅ (mm)	210-850
	4.14	Distance between wheel arms	b ₄ (mm)	1070-1270
	4.15	Reach distance	l ₄ (mm)	590
	4.16	Ground clearance, centre of wheelbase	m ₂ (mm)	70
	4.17	Turning radius	W _a (mm)	1632
	4.18	Length across wheel arms	l ₇ (mm)	1777
	4.19	Battery compartment width	l ₈ (mm)	340
	4.20	Battery compartment length	b ₆ (mm)	817
	4.21	Battery floor Height w/optional rollers	(mm)	240
	4.22	Load backrest height	h ₁₂ (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
	5.5	Service brake		Electromagnetic braking
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 K5	V/Ah	24/525
	6.4	Minimum battery weight	kg	400
	6.5	Maximum battery weight	kg	500
Others	7.1	Type of drive control		AC CURTIS
	7.2	Steering design		Electronic steering
	7.3	Steering option		Moonwalk

Note:1) Triplex mast +11mm

2) 50mm increments

Specifications are subject to change without notice.

