

HYWORTH®

FORKLIFTS

H14WRC38 / 45 / 55



Walkie Reach Stacker Compact

The walkie reach stacker moves goods forward and backward with a scissor fork extension system.

It acts as a counterbalanced stacker when its fork is extended, which can handle non-standard pallets, enclosed pallets, and enclosed shelves easily; and acts as a straddle stacker when its fork is retracted, which can operate flexibly in narrow aisles.



Walkie Reach Stacker Compact Series

The Walkie Reach Stacker Compact is a comfortable and highly secure Walkie Reach Stacker with 1400kg loading capacity.

This machine provides an efficient solution for tight, narrow working areas. Equipped with Electric Power Steering, 250ah lead acid battery and AC driving system.

The H14WRC is the best choice to save on space and cost.

High Performance

- / Standard configuration of EPS (Electric Power Steering) offers easier and more flexible operation.
- / The AC travel motor features excellent acceleration performance, outstanding climbing ability, low heat emission, and is brushless, and maintenance-free.
- / The latest CURTIS AC control system realizes accurate and stable control, and higher efficiency.
- / The CANBUS bus structure makes communication of the entire machine faster and more reliable.
- / Regenerative brake of the truck prevents it from sliding on a slope.
- / Tiller, switches, plug connectors, meters, and other important parts are all of top brands in the world, with excellent performance and reliable quality.
- / Standard configuration of fork backward and forward tilt function, and load backrest realize safer loading and unloading of goods.

Maintenance

- / The brushless, maintenance-free AC motor reduces operation cost significantly.
- / The meter integrating battery indicator, timer, and fault self-diagnosis is convenient for maintenance.
- / Back cover can be opened fully, and all components and parts are clear at a glance, which is very convenient for maintenance of the entire machine.

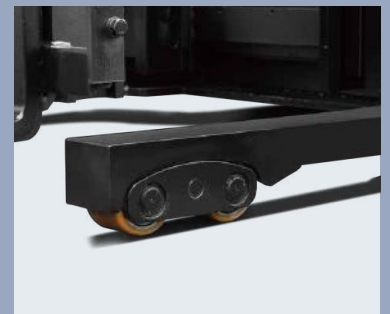


FREI multi-function tiller

- 1: Forks move forward / backward
- 2: Forks lifting / lowering
- 3: Forks tilt forward / backward



Travel speed is lowered automatically when fork is lifted to specified height



The structure of rotary load wheel offers the truck better passing ability



Mast tilting function is easy for entry in/out the pallet

Reliability

- / Three-support-point and low-gravity-center design and the high-strength steel plate framed structure feature large residual load bearing capacity, and long service life.
- / All wires and cables have reliable protection, which increases reliability of electrical system significantly.
- / Non-contact proximity switch features long service life and reliable operation.
- / Power plug is fastened to truck body, which can avoid damage of plug due to impact when battery is lifted for installation.

Safety

- / The function of lowering speed automatically as steering angle increases is a standard configuration. Three types of braking function - release braking, reverse braking, and emergency braking - can ensure safety of traveling.
- / Anti-sliding function on slope can ensure safety of operation.
- / The emergency reversing button at top of the tiller can avoid the driver from injury effectively in case of emergency during backward driving of the truck. The function of intelligent declining buffer reduces lowering speed automatically when the fork is lowered to a height less than 3.9" from ground, which provides effective protection for goods. Perspex Safety Screen

Comfort

- / All movements of the fork can be regulated with variable speed, with more accurate operation and control, and more stable handling of goods. Finger variable controls
- / Compact truck body and large rounded corner design make the truck suitable for operation in narrow space.

Standard specification

- / AC drive motor
- / CURTIS AC drive motor controller + oil pump motor controller
- / Electric Power Steering
- / Automatic deceleration at turns
- / Proportional speed regulation for all fork operations
- / Multi-function battery indicator
- / High-performance suspension load wheels
- / Fork length 1070mm
- / Narrow outer leg width 1275mm
- / Forward and backward tilt of the fork, by 3° and 5° respectively
- / Load backrest
- / Mast intelligent declining buffer
- / Multi-function tiller
- / Speed reduced when fork is at elevated height
- / Horn
- / Key switch
- / Upright handle override - perfect for driving tight spaces
- / Emergency reverse
- / Forward extension distance of fork 589mm
- / Sideshift

Options

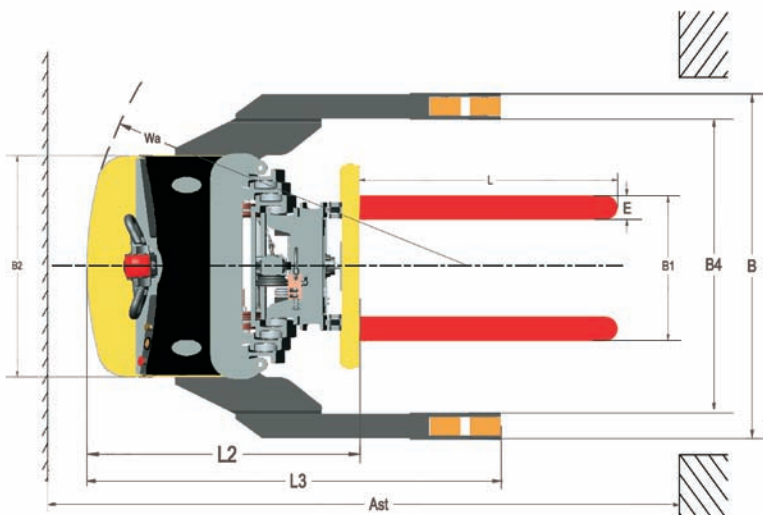
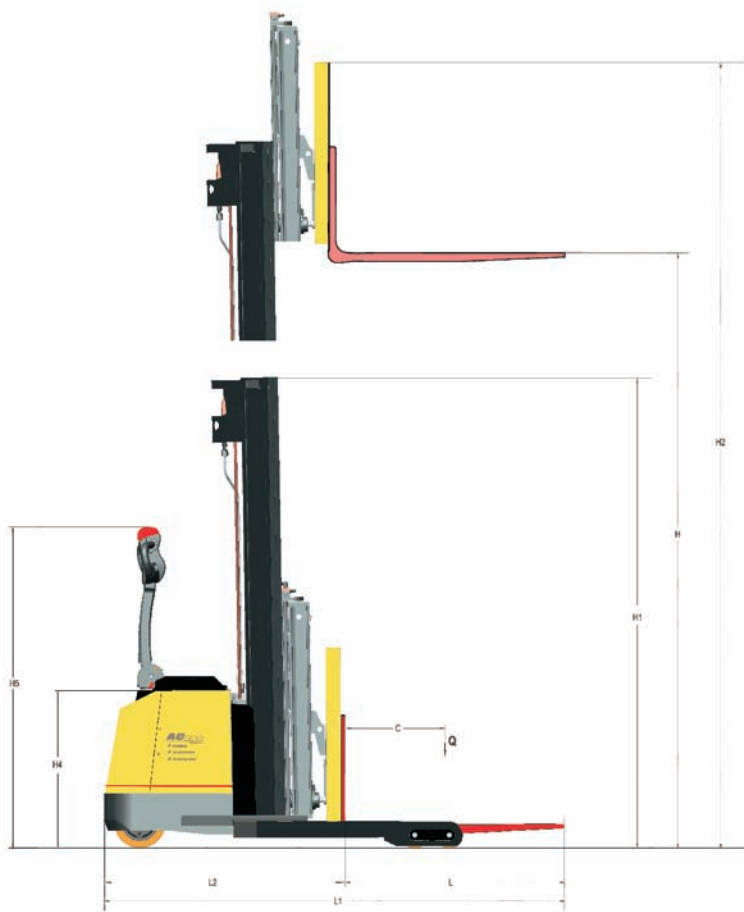
- / Mast of various heights (see mast parameter list for details)
- / Various fork lengths
- / Trolley wheels for battery side roll out
- / Cold storage (-30℃)
- / Battery side roll out can realize easy and fast replacement of battery



Technical Data

| characteristics | | | Model | | | HR14WRC | |
|-----------------|-------|----------------|--|---------|------|-------------------------------|--|
| | 1.1 | | Mast Type | | | Triplex | |
| | 1.2 | Q | capacity | | kg | 1400 | |
| | 1.3 | C | load center | | mm | 600 | |
| | 1.4 | | operator type | | | Walkie | |
| | 1.5 | | Electric power steering | | | standard equipped | |
| | | | | | | | |
| specifications | 2.1 | H | Optional lifting height | | mm | 3600/4000/4500/5000/5300/5500 | |
| | 2.12 | H ₇ | lowered height of fork | | mm | 55 | |
| | 2.2 | B ₁ | Outside width between forks | | mm | 200-755 | |
| | 2.3 | L | standard fork length | | mm | 1070 | |
| | 2.4 | | fork thickness | | mm | 40 | |
| | 2.5 | E | fork width | | mm | 100 | |
| | 2.6 | L ₃ | Reach distance | | mm | 0-600 | |
| | 2.7 | | Fork tilting degree (forward/backward) | | ° | 4/3 | |
| | 2.8 | W _a | min. turning radius | | mm | 1566 | |
| | 2.8.1 | AST | min. aisle width for pallets 800x1200 | | mm | 2385 | |
| | 2.8.2 | AST | min. aisle width for pallets 1000x1200 | | mm | 2465 | |
| | 2.9 | H ₆ | min. ground clearance | | mm | 48.5 | |
| | | | | | | | |
| performance | 3.1 | | maximum traveling speed | laden | km/h | 3.5 | |
| | | | | unladen | km/h | 4 | |
| | 3.2 | | maximum lifting speed | laden | mm/s | 130 | |
| | | | | unladen | mm/s | 230 | |
| | 3.3 | | maximum lowering speed | laden | mm/s | 130 | |
| | | | | unladen | mm/s | 230 | |
| | 3.4 | | gradeability | laden | % | 8 | |
| | | | | unladen | % | 5 | |
| | | | | | | | |
| weight | 4.1 | | service weight without battery | | kg | 1990 | |
| | 4.2 | | service weight with battery | | kg | 2290 | |
| | | | | | | | |
| chassis | 5.1 | L ₁ | overall length | | mm | 2225 | |
| | 5.2 | B | overall width | | mm | 1430 | |
| | 5.3 | H ₂ | mast extend height | | mm | 4785/5185/5685/6185/6485/6685 | |
| | 5.4 | H ₁ | mast lower height | | mm | 1948/2081/2248/2415/2515/2582 | |

| | | | | | |
|----------------|-----|---|-----------------------|----|---------------------------------|
| wheel | 6.1 | | wheel type front/rear | | PU |
| | 6.2 | | wheels quantity | | 1*Driven wheel, 4*Loading wheel |
| | 6.3 | Y | wheel base | mm | 1478 |
| driving system | 7.1 | | brake type | | Electromagnetic / Regenerative |
| | 7.2 | | traveling motor | kw | 1.5 AC |
| | 7.3 | | lifting motor | kw | 4.5 DC |
| | 7.4 | | steering motor | kw | 0.15 DC |
| | 7.5 | | voltage | V | 24v |
| | 7.6 | | battery capacity/type | Ah | 345Ah/industry |
| | 7.7 | | control system | | CURTIS |



Forklift dimensions

Note: Specifications are effected 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.

Notice: Care must be exercised when handling elevated load. When the carriage and/or load is elevated, truck stability is reduced. Operators must be trained and adhere to the instructions contained in the Operating Manual.



HYWORTH FORKLIFTS

Address: 2/12 Weld Street PRESTONS NSW 2170

Phone: 1300 HYWORTH (1300 499 678)

Email: info@hyworthforklifts.com.au

Website: www.hyworthforklifts.com.au

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