

# HYWORTH

FORKLIFTS



Watch the  
Lithium 4 Wheel  
Electric in action



H18BE4W48Li-2

## 1.8T Lithium 4 Wheel Electric

**Load capacity**  
1.8 tonne



**Collapsed height**  
Multi Mast Configuration



**Lift height**  
Multi Mast Configuration



**Manoeuvrability**



**Ease of use**





**The Hyworth 1.8T Lithium 4 Wheel Electric Forklift is the next generation of electric power, delivering outstanding performance and zero-maintenance operation.**



**This 1.8T Lithium 4 Wheel Electric Forklift is equipped with a container mast with a low collapsed height, making it ideal for working in containers, under low doorways, and in height-restricted warehouse environments.**

Whether you're aiming to increase productivity, reduce running costs, or replace multiple units with one dependable machine, the Hyworth 1.8T Lithium 4 Wheel Electric Forklift is a powerful all-in-one solution. With its 1,800kg capacity and stable 4-wheel design, it handles heavy and wide loads with confidence across demanding shifts.

Versatile and practical, this lithium counterbalance forklift is built for dock loading, pallet racking, bulk storage, cold storage, food and beverage, wholesale, and general warehouse operations. Its compact footprint and container mast design allow efficient staging, dock-to-stock handling, and close-quarters manoeuvring in busy work areas.

#### **High lift capacity**

With a 1.8T lift capacity, this machine can handle a wide range of heavy pallets, bulk materials, and high-duty lifting cycles.

#### **Lithium battery system**

A maintenance-free lithium power pack eliminates watering, gassing, and battery changeovers, while delivering rapid recharge capability and extended lifecycle performance.

#### **Battery technology**

Non-hazardous lithium chemistry supports cleaner operation, stable voltage output, & robust energy retention across full-shifts.

#### **Energy efficient**

Lithium reduces running costs and allows for opportunity charging during breaks.

#### **Environmentally friendly**

Contribute to improved air quality with an environmentally friendly machine, producing no emissions or hazardous chemicals.

#### **Versatile**

The IPX4 water-resistant build means it can comfortably handle light outdoor work, while the enclosed overhead guard keeps operators protected in all conditions.

## Safety & Ergonomics

**Silent operation** - Experience a more pleasant and comfortable work environment with silent operations, which is particularly critical for indoor use.

**No fuel emissions** - Reduce your carbon footprint and contribute to a cleaner, more sustainable environment with an electric battery.

**Operator presence system** - Prevent accidents and minimise risks by requiring the presence of an authorised operator in their seat to start the machine.

**Suspension seat** - Enhance comfort, minimise fatigue, and improve safety and stability by reducing the risk of operator instability or control loss.

**Reverse rear horn** - Enhance safety and prevent accidents by emitting a loud warning signal to alert nearby pedestrians and workers when reversing.

**Storage compartments** - Enhance safety and focus by conveniently storing tools and other necessary items ready to access.

## Efficiency & Productivity

**Multiple work mode settings** - Maximise workplace efficiency with the option to adapt to different tasks and operating conditions.

**Short turning radius** - Precisely navigate through narrow aisles, cramped warehouses and other congested areas.

**Long-running operation time** - Increase workplace productivity by performing tasks for extended periods without stopping and recharging.

**High gradeability** - Operate effectively on various terrains whilst maintaining quality performance and productivity.

**Fork cushioning** - Avoid damaging the load and prevent the risk of accidents occurring with cushioning to protect the load when lowering.

## Serviceability & Reliability

**Puncture-proof tyres** - Enhance operator safety by reducing the risk of punctures and rapid loss of air pressure and reduce downtime spent replacing flat tyres.

**Maintenance-free AC motors** - Reduce maintenance costs and downtime and improve the reliability of your machine with durable and reliable AC lift and drive motors.

**Periodic maintenance** - Extend the lifespan of your forklift and ensure your equipment is reliable by being prompted every 250 hours or six months when your forklift is due for maintenance.

**3-Year Manufacturers Parts and Labour Warranty** - Avoid out-of-pocket expenses, with the added peace of mind that your machine has a 3-year warranty.

**Fixed price servicing** - Reduce the cost of downtime and ensure a consistent, reliable service every time with Hyworth's fixed-priced servicing.

**Comprehensive parts availability** - Reduce downtime, repair the machine quickly and save money with readily available parts to keep your business moving.



# Features



## Safety & ergonomics

No fuel emissions and silent operation	Included
Automatic cornering speed reduction	Included
Operator presence system	Included
LED head/tail/indicator lights and flashing beacon	Included
Panoramic mirror	Included
Suspension seat	Included
Fully enclosed roof	Included
Blue LED safety lights	Optional
Bluetooth wireless camera	Optional
Fire extinguisher	Optional
Load guard options	Optional



## Efficiency & productivity

Multiple work mode settings	Included
High gradeability	Included
High-efficiency AC drive and lift motors	Included
Full hydraulic steering	Included
Lithium battery	Included
Built in 15amp Charger	Included
Various mast configuration	Included
New generation high-performance controller	Included
Side-shifting fork positioner	Included
Fast charger 20amp 3 phase	Optional
Side-shift attachment	Optional
Container ramp	Optional
Various mast configuration	Optional
Various fork lengths	Optional
Slipper extensions	Optional
Digital weight gauge	Optional



## Serviceability & reliability

Puncture proof tyres	Included
3 Years Manufacturer's Warranty - Full Parts & Labour	Included
Fixed Price Service Schedule	Included
Comprehensive parts availability	Included
IPx4 Water Proof Rating (15 minute, light rain)	Included
Non-marking tyres	Optional



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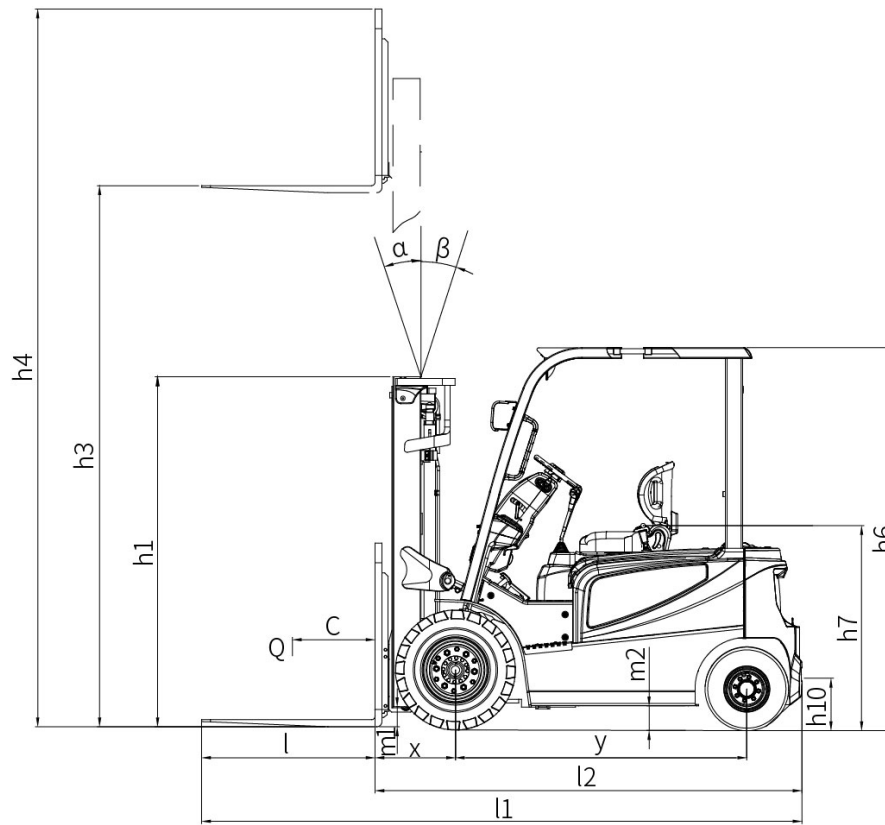
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# Technical Specifications

Distinguishing Marks	1.1	Manufacturer	HYWORTH	
	1.2	Manufacturer's type designation	H18BE4W48Li-2	
	1.3	Drive: electric	Battery	
	1.4	Operator type	Pedestrian	
	1.5	Rated capacity/rated load	Q (kg)	1800
	1.6	Load centre distance	c (mm)	600
	1.7	Load distance, centre of drive axle to fork	x (mm)	409
	1.8	Wheelbase	y (mm)	1475
Weights	2.1	Service weight (with/without battery)	kg	3100/2400
	2.2	Axle load (laden,front/rear)	kg	4402/498
	2.3	Axle load (unladen,front/rear)	kg	1511/1589
Wheels, Chassis	3.1	Tyres:solid rubber		Solid
	3.2	Tyre size, front		6.50-10-10
	3.3	Tyre size, rear		16X6-8-10
	3.4	Wheels, number front / rear (x=driven wheels)		2/2
	3.5	Tread, front	b10(mm)	934
	3.6	Tread, rear	b11 (mm)	920
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 overhead guard	h6 (mm)	755
	4.6	Seat height relating to SIP (to ground)	h7 (mm)	150
	4.7	Towing coupling height	h10 (mm)	35
	4.8	Overall length (with fork)	l1 (mm)	2323 1)
	4.9	Overall length (without fork)	l2 (mm)	1253 1)
	4.10	Overall width	b1	870/1400
	4.11	Fork dimensions	s/e/l (mm)	35/100/1070
	4.12	Distance accross fork-arms, Max./Min	b5 (mm)	920
	4.13	Ground clearance	m2 (mm)	210~850
	4.14	Right angle stacking aisle width for pallet 1000 x 1200	Ast (mm)	1070
	4.15	Minimum outside turning radius	Wa (mm)	590
Performance Data	5.1	Travel speed, laden/unladen	km/h	12/13
	5.2	Lift speed, laden/unladen	m/s	0.270/0.400
	5.3	Lowering speed, laden/unladen	m/s	0.400/0.400
	5.4	Max.gradeability laden/unladen	%	15/22
	5.5	Max.drawbar pull (laden/unladen)	N	10200/9800
	5.6	Acceleration time (10 m)(laden/unladen)	S	6.1/5.8
Electric Motor	6.1	Drive motor rating S2 60 min.	kW	8
	6.2	Lift motor rating at S3 15%	kW	10.6
	6.3	Battery voltage/nominal capacity: Lithium battery	V/Ah	76.8/125
	6.4	Minimum/Maximum battery weight: Lithium battery	kg	700
Others	7.1	Type of drive/lift control	MOSFET/AC	
	7.2	Service brake/Parking brake	Hydarulic/Mechanical	
	7.3	Operating pressure for attachments	Mpa	16



Ast: right angle stacking aisle width  
a: clearance 200mm

