

HYWORTH

FORKLIFTS



Watch the
4 Wheel Electric
Counterbalance
in action



2.5T 4 Wheel Electric Counterbalance

H25BE4W

Load capacity
2.5 tonne



Collapsed height
Multi Mast Configuration



Lift height
Multi Mast Configuration



Manoeuvrability



Ease of use





The Hyworth 2.5T 4 Wheel Electric Counterbalance is the perfect ride-on counterbalance alternative for a clean work environment.



Offering no fuel emissions and quiet operations, this model is perfect for work environments with poor airflow, food-grade facilities, manufacturing, warehousing and distribution.

The 2.5T 4-Wheel Electric Counterbalance offers versatility and adaptability regarding mast configuration, fork lengths and flexible attachment options to suit various material handling applications. This machine is a clean alternative to the LPG counterbalance forklift as it eliminates workplace noise and prevents staff from being exposed to fuel emissions.

With lowering operating costs compared to other forklifts, the electric machine requires less maintenance and can save you money in the long run.

High lift capacity

With a 2.5T lift capacity, this machine can handle a wide range of heavier loads more efficiently.

Lead acid technology

Reduce your environmental impact with a renewable, recyclable battery, requiring fewer replacements over its lifespan.

Battery technology

Contribute to a greener and more sustainable environment with non-hazardous battery technology.

Energy efficient

An environmentally-friendly electric battery saves you money in the long run, improves air quality and reduces noise.

Environmentally friendly

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

Versatile

Adapt perfectly to different work environments, including indoor and outdoor operations, with multiple work mode settings.

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.

Silent operation - Experience a comfortable work environment with noise reduction, critical for indoor operations.

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	Included
Silent operation	Included
Operator presence system	Included
LED headlights	Included
LED tail lights	Included
LED indicator lights	Included
Side mirror	Included
Rotating/flashing LED beacon	Included
Suspension seat	Included
Reverse rear horn	Included
Blue LED safety lights	Optional
Bluetooth wireless camera	Optional
Fire extinguisher	Optional
Panoramic mirror	Optional
Load guard options	Optional
Roof cover	Optional



Efficiency/productivity

Side-shift attachment	Included
Multiple work mode settings	Included
Long operating time between charges	Included
High gradeability	Included
High-efficiency AC drive and lift motors	Included
Full hydraulic steering	Included
New generation high-performance Curtis controller	Included
Various mast configuration	Optional
Side-shifting fork positioner	Optional
Container ramp	Optional
Various fork lengths	Optional
Slipper extensions	Optional
Digital weight gauge	Optional



Serviceability/reliability

Single-point watering system	Included
Puncture proof tyres	Included
Periodic maintenance 250 hours or 6 months, whichever comes first	Included
3 Years Manufacturer's Warranty - Full Parts & Labour	Included
Fixed Price Service Schedule	Included
Comprehensive parts availability	Included
Non-marking tyres	Optional





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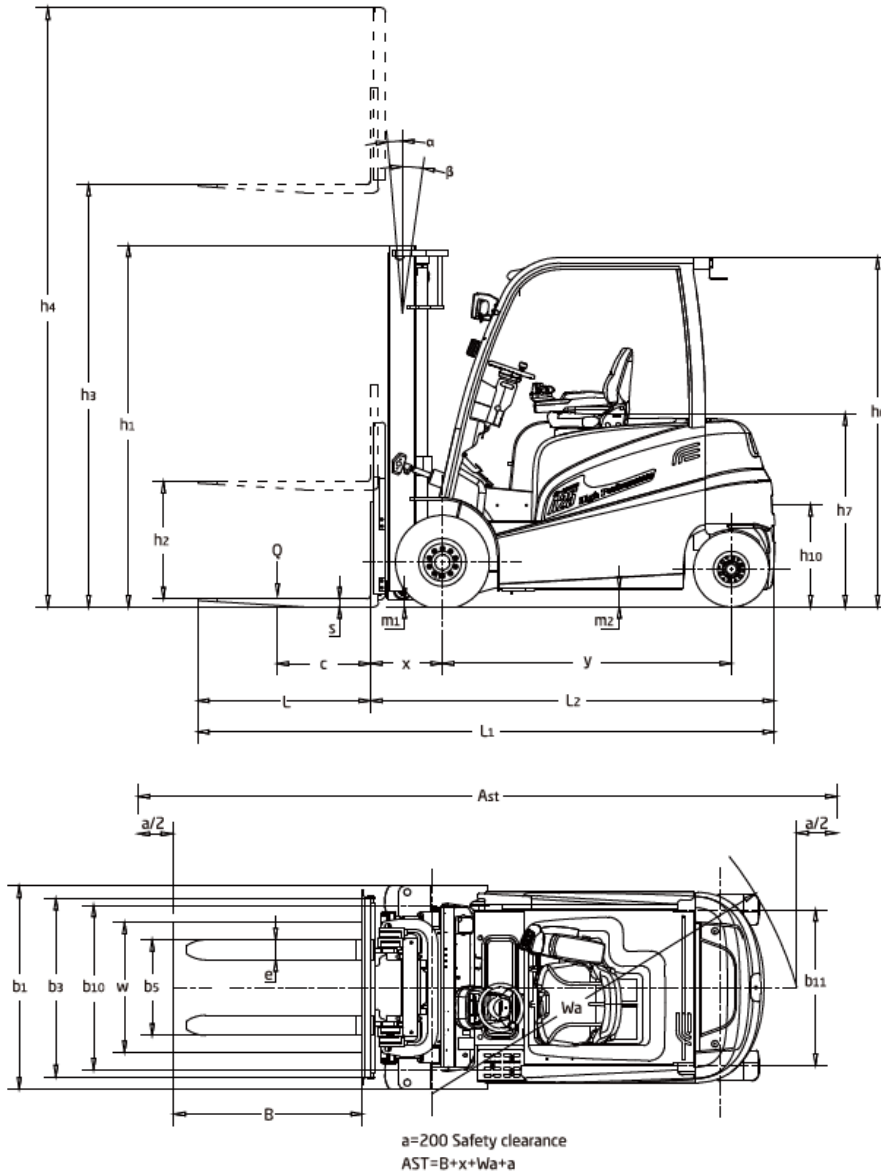
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Technical Specifications

Distinguishing Mark	1.1	Hyworth 2.5T 4 Wheel Electric Counterbalance			
	1.2	Model Number		H25BE4W48	
	1.4	Operator Type		Seated	
	1.5	Rated Capacity / rated load	Q (kg)	2500	
	1.6	Load centre distance	c (mm)	600	
	1.8	Load centre distance	c (mm)	435	
	1.9	Wheelbase	y (mm)	1750	
Weight	2.1	Service Weight	kg	5100	
	2.2	Axle loading: laden front / rear	kg	6620/980	
	2.3	Axle loading: unladen front / rear	kg	2500/2600	
Tyres, chassis	3.1	Tyres		solid	
	3.2	Tyre Size: front	mm	23x9-10	
	3.3	Tyre size: rear	mm	18x7-8	
	3.5	Wheel: number front / rear (x + driven wheels)		2 x /2	
	3.6	Tread: front	b10 (mm)	1073	
	3.7	Tread: rear	b11 (mm)	960	
	Dimensions	4.1	Tilt of mast / fork carriage forward / backward	α/β (°)	5/8
4.2		Height: mast lowered	h1 (mm)	2196	
4.3		Free lift	h2 (mm)	150	
4.4		Lift	h3 (mm)	4800	
4.5		Height: mast extended	h4 (mm)	5856	
4.7		Height of overhead guard STD	h6 (mm)	2240	
4.9		Seat height / stand height	h7 (mm)	1190	
4.12		Coupling height	h10 (mm)	625	
4.19		Overall length	l1 (mm)	3560	
4.20		Length to face of forks	l2 (mm)	2490	
4.21		Overall width	b1 (mm)	1275	
4.22		Fork dimensions ISO 2331	s/e/l (mm)	40/122/1070	
4.23		Fork carriage DIN 15 173 - ISO 2328: class type A,B	ISO2328 2A	Collapsed Height l2160mm	
4.24		Fork carriage width	b3 (mm)	1100	
4.25		Distance between fork arms	b2 (mm)	290/1100	
4.31		Ground clearance, laden, below mast	m1 (mm)	105	
4.32		Ground clearance, centre of wheelbase	m2 (mm)	110	
4.34.1		Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	3835	
4.34.2		Aisle width for pallets 800 x 1200 lengthways	Ast (mm)	4035	
4.35		Turning radius	Wa (mm)	2400	
4.36	Internal turning radius	b13 (mm)	730		
Performance Data	5.1	Travel speed: laden / unladen	km/h	19/20	
	5.2	Lift speed: laden / unladen	m/s	0.480/0.620	
	5.3	Lowering speed: laden / unladen	m/s	0.470/0.420	
	5.5	Drawbar pull: laden / unladen	N	14000/15000	
	5.6	Max. Drawbar pull: laden / unladen	N	16/21	
	5.7	Gradeability: laden / unladen	%	18/25	
	5.8	Max. Gradeability: laden / unladen	%	4.3/3.8	
	5.10	Service brake		Hydraulic	
	5.11	Parking brake		Mechanical	
	Electric engine	6.1	Drive motor rating S2 60 min	kW	18.5 AC
		6.2	Lift motor rating at S3 15%	kW	25.4AC
6.3		Battery acc. To DIN 43 531/35/36 A,B,C no		DIN43536 A	
6.4		Battery voltage: rated capacity	V/Ah	48/630	
6.5		Battery weight	kg	1863	
		Battery dimensions	l/b/h (mm)	1028x855x784	

	6.6	Energy Consumptions acc. to VDI cycle	kWh/h	10.5
		Minimum battery weight	kg	1950
		Maximum battery weight	kg	1800
	8.1	Type of drive control		MOSFET/AC
	9.1	Manufacturer		CURTIS
Additional data	10.1	Operating pressure for attachments	bar	175
	10.2	Oil volume for attachments	l/min	40
	10.3	Hydraulic Tank = capacity (drain & fill)	litre	24
	10.7	Sound level at the drivers ear according to EN/DIN 12 053	dβ (A)	71
	10.8	Towing coupling, type DIN		ø24 Pin



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2/12 Weld Street PRESTONS NSW 2170
 1300 HYWORTH (1300 499 678)
 info@hyworthforklifts.com.au
 www.hyworthforklifts.com.au