

HYWORTH

FORKLIFTS



Watch the Gas Forklift in action



Hyworth 2.5T Gas Forklift 4.8m Container Mast H25FG48

Load capacity
2.5 tonne

Collapsed height
2.260m

Lift height
4.8m

Manoeuvrability

Ease of use





The Hyworth 2.5T Gas Forklift is adaptable and versatile, perfect for flexible work environments and changing conditions.



Powered by a trusted and dependable Nissan K25 engine, this plays an integral role in keeping businesses moving.

The Hyworth 2.5T Gas Forklift is perfect for transporting materials from shipping containers. Powered by an industry-leading engine, this machine is ahead of the game in terms of reliability and durability.

Delivering excellent fuel economy, a high capacity lift and fast acceleration, this model is highly versatile and adaptable to indoor and outdoor work environments. Running on LPG, the model is more environmentally friendly than its diesel counterparts. It's also packed with safety features, including an operator presence system, LED lights, flashing beacon, suspension seat and swing-down gas bottle brackets to minimise accidents and exhaustion to operators.

Increased lift height

Lift loads to greater heights with an extended reach provided by the triple-stage container mast.

Enhance operator safety

Prevent accidents with the operator presence system by ensuring that the forklift starts only when a qualified operator is in the vehicle.

Convenience

Increase operational efficiency with a road-registration ready vehicle, saving you time and enhancing productivity.

Increased versatility

Operate efficiently in indoor and outdoor conditions, with this machine's ability to handle demanding warehouse operations.

Powerful

Withstand demanding conditions with a K25 Nissan engine, delivering efficient power and consistent performance to handle various tasks over extended periods.

Safety & Ergonomics

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

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

Suspension seat - Enhance comfort, minimise fatigue, improve safety and stability.

LED lights - Save money with energy-efficient LED lights and their longer lifespan, despite their higher upfront costs.

Flashing/amber rotating beacon - Avoid hazards or unsafe conditions with highly visible warning signals drawing attention to hazards or restricted areas.

Swing down gas bottle bracket - Ensure ergonomic safety and convenience with a swing-down gas bottle bracket to avoid back injuries.

Efficiency & Productivity

K25 Nissan engine - Withstand harsh operating conditions and contribute to a cleaner and healthier working environment with a powerful heavy-duty, trusted Japanese engine.

Fast acceleration - Navigate corners, turn easily and respond quickly to changing conditions with quick acceleration.

Side-shift as standard - Save time and reduce operator fatigue by eliminating the need to reposition loads on the forklift constantly.

High fuel efficiency - Reduce your environmental impact, save money and reduce downtime spent refuelling.

High lift capacity - Increase your productivity by efficiently handling heavier loads, reducing the need for additional trips, manpower or machines.

Puncture-proof tyres - Eliminate downtime and the cost of repairing damaged tyres with durable tyres that are less prone to wear and tear.

Serviceability & Reliability

Japanese K25 Nissan engine - Keep your business moving with fewer breakdowns and less frequent repairs with a durable, trusted and reliable engine.

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

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

Periodic maintenance - Extend the lifespan of your forklift and ensure your equipment is reliable by scheduled services every 250 hours or 6 months.

Fixed-price servicing - Learn your service costs upfront, reducing the cost of downtime and ensuring consistent, reliable service every time with Hyworth's fixed-price servicing.

Straight gas LPG system - Reduce your environmental impact and save money with the economical fuel option of LPG.



Features

Safety/ergonomics

Operator presence system	Included
LED headlights	Included
LED tail lights	Included
LED Indicator lights	Included
Side mirrors	Included
Rotating/flashing beacon	Included
Suspension seat	Included
Swing down gas bottle bracket	Included
Blue LED safety light	Optional
Load guard options	Optional
Panoramic mirror	Optional
Fire extinguisher	Optional
Roof cover	Optional
Bluetooth wireless camera	Optional



Efficiency/productivity

K25 Nissan engine	Included
Sideshift	Included
High gradeability	Included
High lift capacity	Included
Fast acceleration	Included
Container ramp	Optional
Side-shifting fork positioner	Optional
Slipper extensions	Optional
Longer fork tynes	Optional
Digital weight gauge	Optional
Higher lift height masts up to 6m	Optional

Serviceability/reliability

Trusted and reliable Japanese K25 Nissan engine	Included
Straight gas LPG system	Included
Periodic maintenance 250 hours or six months (whichever comes first)	Included
3-Year Manufacturer's Warranty - full parts & labour	Included
Fixed-priced servicing	Included
Comprehension parts availability	Included
Non-marking tires	Optional





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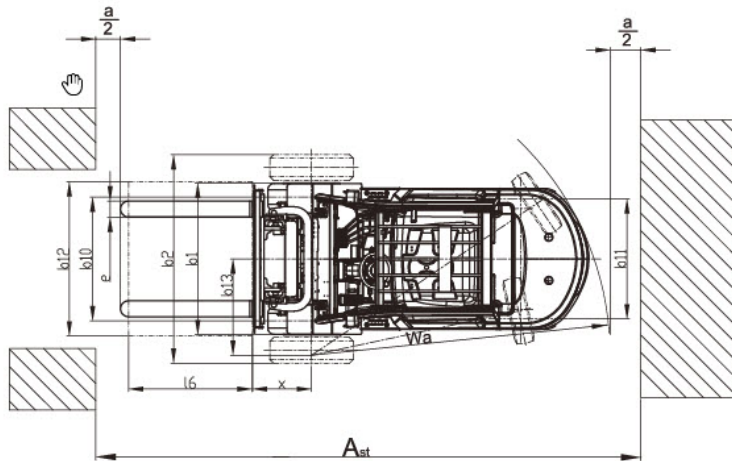
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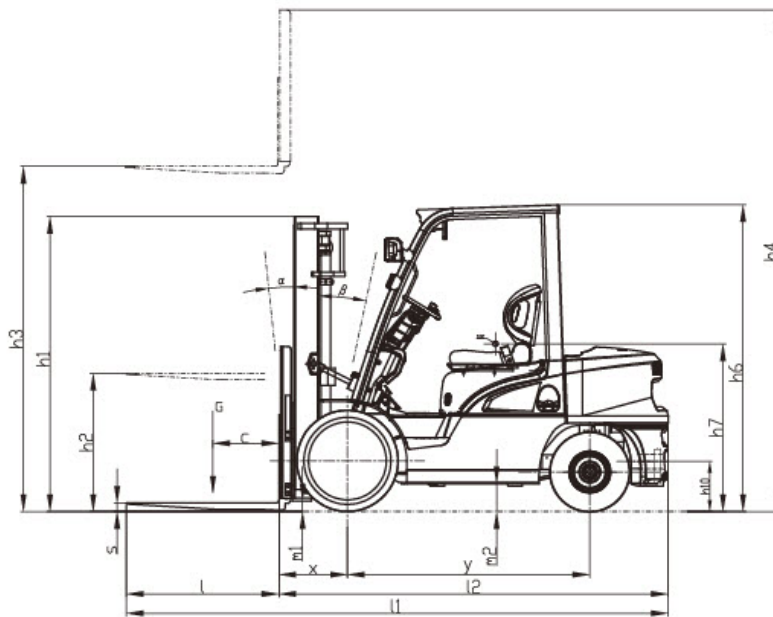
Technical Specifications

Distinguishing Mark	1.1	Hyworth 2.5T Gas Forklift		
	1.2	Model Number		H25FG48
	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)	460
	1.9	Wheelbase	y (mm)	1650
Weight	2.1	Service Weight	kg	3850
	2.2	Axle loading: laden front / rear	kg	5540/810
	2.3	Axle loading: unladen front / rear	kg	1560/2290
Tyres, chassis	3.1	Tyres		Solid
	3.2	Tyre Size: front	mm	7.00-12-12PR
	3.3	Tyre size: rear	mm	6.00-9-10PR
	3.5	Wheel: number front / rear (x + driven wheels)		2x/2
	3.6	Tread: front	b10 (mm)	965
	3.7	Tread: rear	b11 (mm)	973
	Dimensions	4.1	Tilt of mast / fork carriage forward / backward	α/β (°)
4.2		Height: mast lowered	h1 (mm)	1999
4.3		Free lift	h2 (mm)	160
4.4		Lift	h3 (mm)	4800
4.5		Height: mast extended	h4 (mm)	4045
4.7		Height of overhead guard STD	h6 (mm)	2260
4.8		Deat height relating to SIP	h7 (mm)	1145
4.12		Coupling height	h10 (mm)	320
4.19		Overall length	l1 (mm)	3680
4.20		Length to face of forks	l2 (mm)	2610
4.21		Overall width	b1 (mm)	1155
4.22		Fork dimensions ISO 2331	s/e/l (mm)	40x122x1070
4.23		Fork carriage DIN 15 173 - ISO 2328: class type A,B		Class A
4.24		Fork carriage width	b3 (mm)	1038
4.25		Distance between fork arms	b2 (mm)	252-1020
4.31		Ground clearance, laden, below mast	m1 (mm)	105
4.32		Ground clearance, centre of wheelbase	m2 (mm)	150
4.34.1		Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	3990
4.34.2		Aisle width for pallets 800 x 1200 lengthways	Ast (mm)	4190
4.35		Turning radius	Wa (mm)	2330
4.36	Internal turning radius	b13 (mm)	780	
Performance Data	5.1	Travel speed: laden / unladen	km/h	16.5/17.5
	5.2	Lift speed: laden / unladen	m/s	0.62/0.62
	5.3	Lowering speed: laden / unladen	m/s	0.45/0.50
	5.5	Drawbar pull: laden / unladen	N	19800/12500
	5.7	Gradeability: laden / unladen	%	20/20
	5.10	Service brake		Hydraulic
	5.11	Parking brake		Mechanical
Combustion engine	7.1	Engine Manufacturer / type		Nissan K25
	7.2	Engine power	kW	37.4
	7.3	Rated speed	r/min	2400
	7.4	Number of cylinders / displacements	(-) / (cm ³)	4/3054
	7.9	Vehicle electric system voltage	V	12
	7.10	Battery voltage / nominal capacity	V/Ah	12/90

	Rated torque	N-m/r/min	191.5 ~ 208.5/1500
	Transmissions Type		Powershift
	Stage FWD / RVS		1/1
	Collapsed height	mm	2260
	Additional data	10.1 Operating pressure for attachments	bar
	10.2 Oil volume for attachments	l/min	60
	10.3 Hydraulic Tank = capacity (drain & fill)	litre	65
	10.4 Fuel tank capacity	litre	65
	10.7 Sound level at the drivers ear according to EN/DIN 12 053	dβ (A)	85



$$A_{st} = L_6 + X + W_a + a \quad a = 200\text{mm}$$



H25FG48

Lift height - 4800mm

Collapsed height - 2260mm

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