



## The New Hala Narrow Aisle Articulated Forklift Trucks

**HALA**  
#InnovateActivate

# 25 years of Innovation

Our journey began in 1998 in Sharjah, UAE. Our aim was to identify unmet market needs in material handling and then source quality products to meet those specific needs. Over the last 25 years, we have remained steadfast in our commitment to providing innovative products and services to our customers.

In 2003, Hala became the sole dealers of Heli forklifts in the UAE. Today, we market diesel, lead acid and lithium-powered forklifts ranging from 1 to 46 tons, along with Forklift Attachments and Warehousing Equipment. We are now bringing our very own brand of Narrow Aisle Articulated Forklift Trucks to give our customers even more choice of material handling equipment.

## Hala Narrow Aisle Articulated Forklift Trucks



After 25 years in the UAE, we thoroughly understand the space constraints faced by the manufacturing, logistics and other industries in their warehouses. Which is why we are introducing four distinct models of Narrow Aisle Articulated Forklift Trucks. Hala's new Forklifts are designed to operate in very narrow spaces and have high lift capabilities, enabling warehouses to substantially increase their storage capacity and efficiency.

Built to high performance and safety standards, our Articulated Forklifts can be used inside as well as outside warehouses with ease.



# Increase storage by up to 50% by reducing aisle width to 1.8m

The Hala Narrow Aisle Articulated Forklift Truck's unique design makes it versatile, ensuring it can do everything that a counterbalance forklift and reach truck can do plus a lot more. It not only has a higher lifting height and greater load capacity, but it also delivers a better driving experience and lower maintenance costs, improving production efficiency and maximising warehouse space.

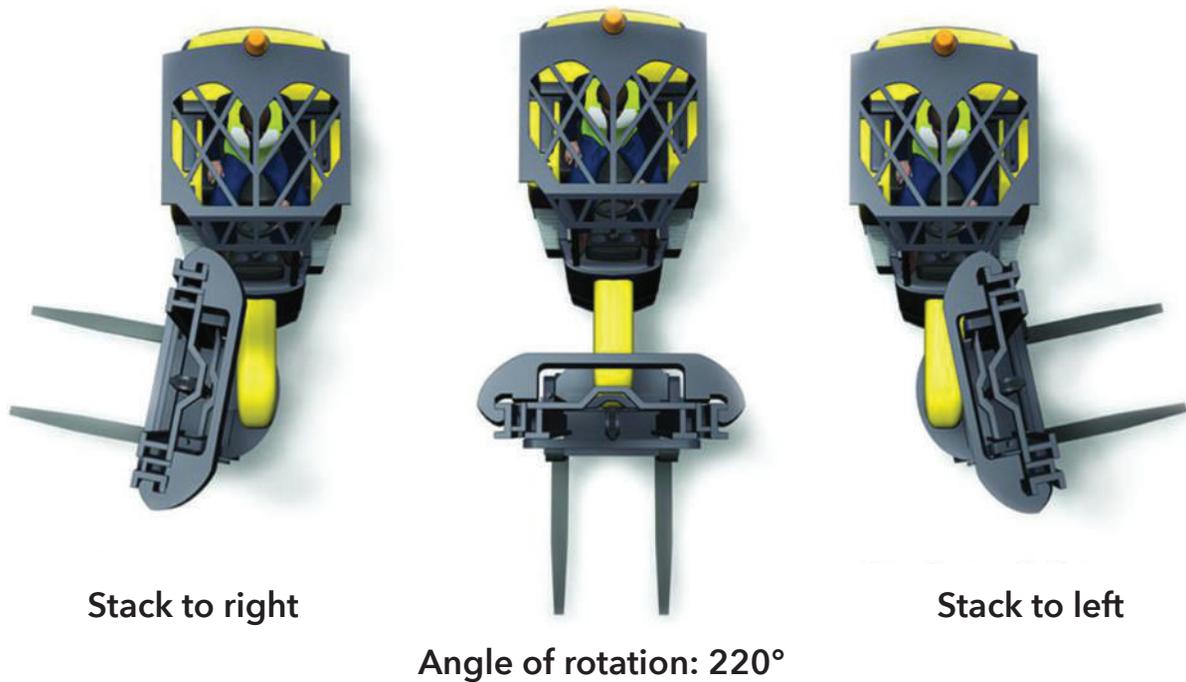
The Forklifts have ISO9001, CE and SGS certifications are a testament to their high quality and performance standards.

## Key Features:

- Maximum lift height of 12m, minimum aisle width is 1.8m
- Helps stores 50% more pallet positions than counterbalance forklifts and 30% more pallet positions than reach trucks
- 220° articulating angle provides flexibility while working in ultra-narrow aisles
- 80V AC electric controller, low failure rate, less heating
- 80V AC lifting & driving motor that's powerful, efficient and maintenance free
- Proportional valves to adjust speed according to working conditions to make loading and unloading of pallets in narrow aisles easier and more precise
- Fingertip controls provide greater control on all forklift functions
- Strong chassis and mast construction for heavy-duty use
- Can be used both inside and outside warehouses, eliminating double handling
- Lower maintenance cost than conventional reach trucks and swing reach trucks
- Ergonomics design reduces driver fatigue



# 220° Rotation Angle



# Maximising storage capacity

	HALA NARROW AISLE ARTICULATED FORKLIFT TRUCK	REACH TRUCK	COUNTERWEIGHT FORKLIFT
MIN. AISLE WIDTH	1800mm	2990mm	3990mm
RACK LAYOUT	2700mm 1800mm 2540mm	2990mm 2540mm NALIFT STORE 30% MORE THAN REACH TRUCK	3990mm 2540mm
	Warehoure layout for Hala Narrow Aisle Articulated Forklifts	Warehoure layout for Reach Trucks	Warehoure layout for Counterweight Forklifts

# Precision control at your fingertips

A convenient armrest allows the driver to rest their arm while easily controlling every function of the Hala Articulated Forklift. From lifting, lowering, side shifting and tilting, to moving the fork positioner's telescopic forks, the direction switch, all movement functions and even the horn controls are at the driver's fingertips. Micro Motion of the control system is made possible by the integrated Proportional Valves which also enable the driver to control the speed of all functions.



**Ergonomic Controls**



**Proportional Valve**

# LiFePO4 Li-ION Lithium Battery

Hala's Articulated Forklifts are powered by long-lasting, fast-charging and zero-maintenance Lithium batteries. So you can use the Forklifts for longer and for lower costs. They have zero emissions and are also environment friendly.



Capacity: 80V/300Ah - 80V/400Ah  
Battery Warranty: 5years/10,000hrs  
Charging Time: 2 hours  
Working Time: 6-8 hours

# The Hala Range



**HL 15**



**HL 20**



**HL 25**



**HL 30**

# Technical Data

Model	Unit	HL 15	HL 20	HL 25	HL 30
Rated Capacity	KG	1500	2000	2500	3000
Light Height Range	mm	4300-7050	4300-10000	4300-12400	4300-12400
Free Lift	mm	1365-2435	1365-3635	1365-4686	
Mast Closed Height	mm	2265-3335	2265-4615	2265-5665	
Extended Height	mm	5561-8311	5561-11391	5561-13739	
Overall Length	mm	2780			
Ground Clearance	mm	50			
Overhead Guard Height	mm	2270			
Chassis Width - Rear	mm	1060	1240	1400	1600
Chassis Width - Front	mm	980			
Load Centre	mm	600			
Wheel Base	mm	1735			
Seat Height	mm	1220			
Mast Tilt (Back/Fwd)	°	3/1			
Rotation Angle (Left/Tight)	°	220			
Ground Speed	Km/h	16			
Lift Speed (Load/Unload)	m/s	0.44/0.5			
Front Tyre Size	mm	412*174			
Rear Tyre Size	mm	457*150		457*170	
Grade Ability (Load/Unload)	%	18/20			
Battery Voltage/Capacity	V/Ah	80V/300ah/350sh/400ah			
Weight, including battery	KG	6400	6900	7400	7800
Weight, excluding battery	KG	5150	5310	5810	5510
Traction Motor	KW	19.5 AC			
Lifting Motor	KW	15 AC			
Min. Net Working Aisle Width	mm	1800		1900	2100
90° Transfer Aisle	mm	2700			

## Standards Parts

- Fingertip Control
- 80V AC electric controllers
- 80V AC lifting & driving motors
- Electric handbrake
- LED security lights
- Guiding lasers
- Hydraulic cooling fan
- Triplex full free mast
- Proportional valve
- Integral side shifter
- Suspension seat
- Solid tyres

## Optional Parts

- Lead-acid/Li-ion battery
- Camera system
- ID identify
- Weighing forks
- Double deep forks
- Fork Positioner

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