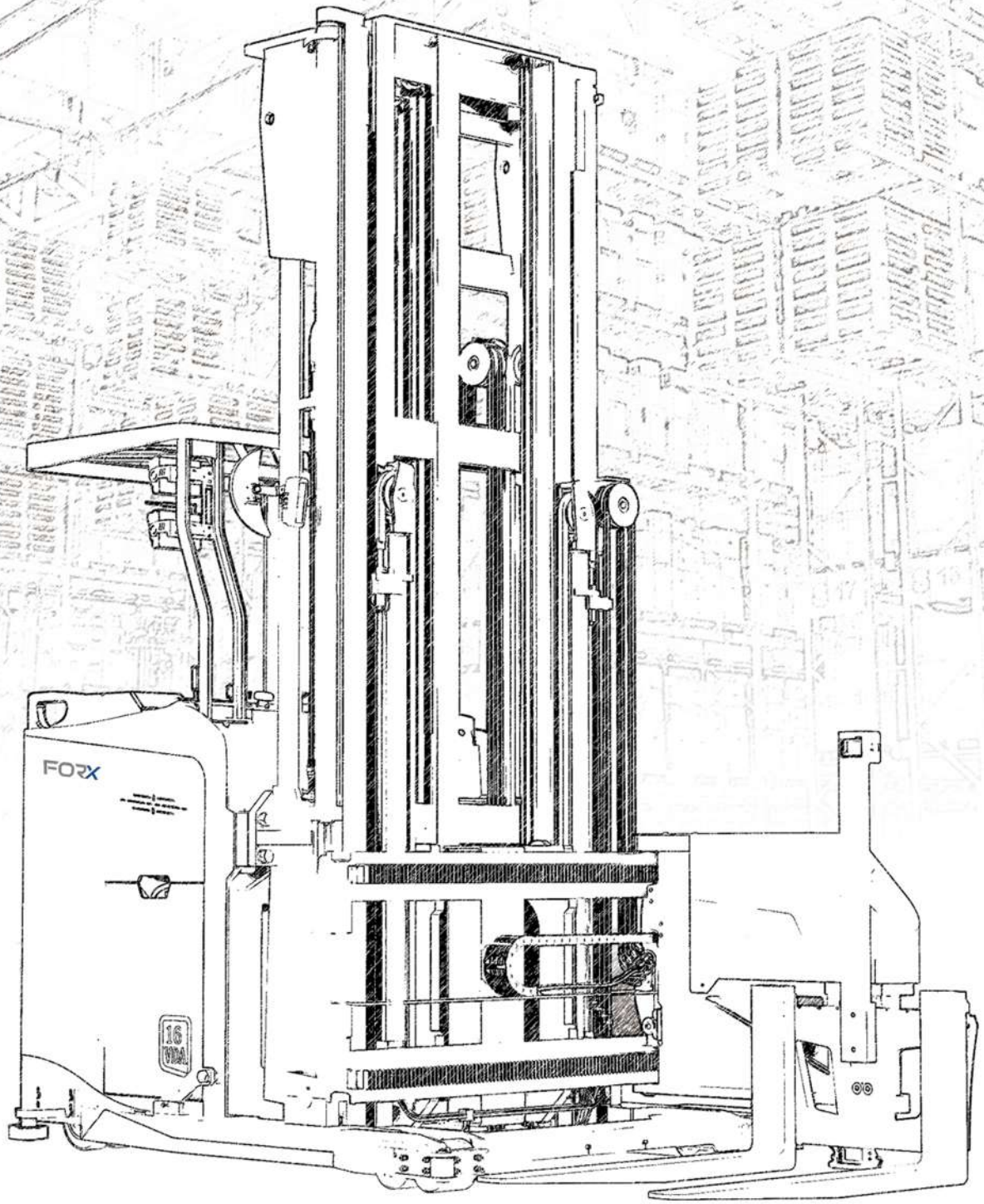


# FORX

# Man-down VNA Forklift



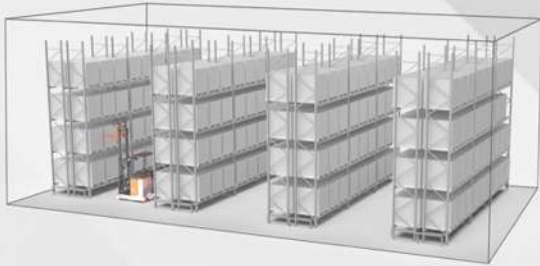
[www.forx.co.th](http://www.forx.co.th)



## Product Overview

FORX's new generation of man-down type tri-lateral VNA forklift is suitable for very narrow aisle with lifting height 3m-9.5m, adopting the patented electric drive fork (optional configurations) can save energy and improve working efficiency. It is fitted with multiple active safety protection, comfortable operating environment and rich optional configuration, the narrowest rail to rail distance is only 1.5m, can quickly improve the storage volume rate.

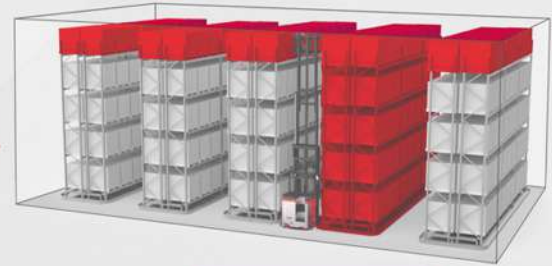
Using reach truck or other forklift



Warehouse can hold 300 pallet spaces

Increases warehouse volume by 65%

Using FORX Man-down Type VNA forklift



Warehouse can hold 500 pallet spaces

## Application Industry



Medicine and Food



Machinery and hardware



Textile and Chemical



Electrical and Electronics



E-commerce logistics



Furniture Decoration





## Product Features

### Top view for VNA forklift fitted with electric drive fork

- 1.HD LCD meter
- 2.Cup holders
- 3.Document Placement Area
- 4.Small diameter steering wheel
- 5.Electronic combination lock



- 6.Emergency power-off switch  
Multi-link rocker switch
- 7.Integrated cross-operated handle
- 8.Power down protection
- 9.Comfortable hand cushions and backrests
- 10.Pedal



Stronger and wider view roof rack



Judging left corner blind area and the space to the left and right of the pallet when picking up



HD display & rear view mirror



Fork camera & horizontal laser line to identify beam position



Fork side shift



Fork rotation and side shift can be operated at the same time.



Active safety function: travel lock function

By side shifting and rotating the forks, the stacking of both sides can be completed without changing the direction of the forklift, which greatly improves the work efficiency.

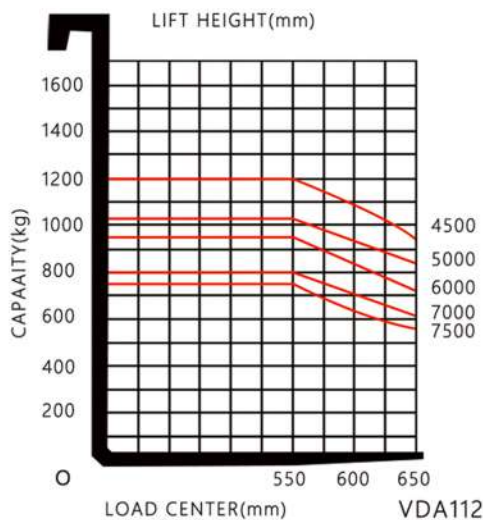
If the forks are not in the safe position, the forklift is actively locked to prevent the operator from accidentally hitting the racks and causing accidents. The above are the three fork safe positions.

# Product parameters

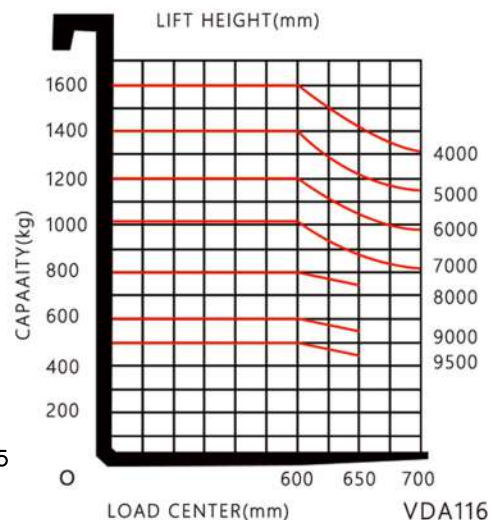
Product			VDA112-45	VDA116-75
Specifications	Manufacturer		FORX	FORX
	Drive type		Electric	Electric
	Wheelbase	mm	1650	1700
	Load capacity	kg	1200	1600
	Load center	mm	550	600
	Driving mode		Standing on	Standing on
	Dead weight(with battery)	kg	4900	6185
Tyres	Tire type		PU	PU
	Drive wheel size	mm	φ140×100	φ140×127
	Front wheel size	mm	φ380×165	φ380×165
	Wheel qty(x=driving wheels)		1x / 4/2	1x / 4/2
Dimensions	Lifting height	mm	4500	7500
	Height of overhead guard	mm	2265	2265
	Min ground clearance	mm	45	50
	Overall length (Forks sideways)	mm	2895	2945
	Overall width(including guide wheel)	mm	1450	1550
	Fork specification	mm	1100/122/45	1200/122/50
	Fork width	mm	425-750	425-750
	Minimum turning radius	mm	1965	2105
	Minimum main aisle width	mm	3700	3800
Performance	Travel Speed(loaded/unloaded)	km/h	9/10	9/10
	Lifting Speed(loaded/unloaded)	mm/s	250/300	250/300
	Lowering speed(loaded/unloaded)	mm/s	300/300	300/300
	Travel brake		Electromagnetic brake recycled brake	Electromagnetic brake recycled brake
	Parking brake		Electromagnetic brake	Electromagnetic brake

Note : Optional lifting height VDA112 : 5.0m , 5.5m , 6.0m , 6.5m , 7.0m , 7.5m.

VDA116 : 4.5m , 5.0m , 5.5m , 6.0m , 6.5m , 7.0m , 7.5m , 8.0m , 8.5m , 9.0m , 9.5m.



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Reminder : All photo here are for reference only and are subject to the physical product if there is any difference. ENERGY ADVANCE CO., LTD reserves final right of explanation.