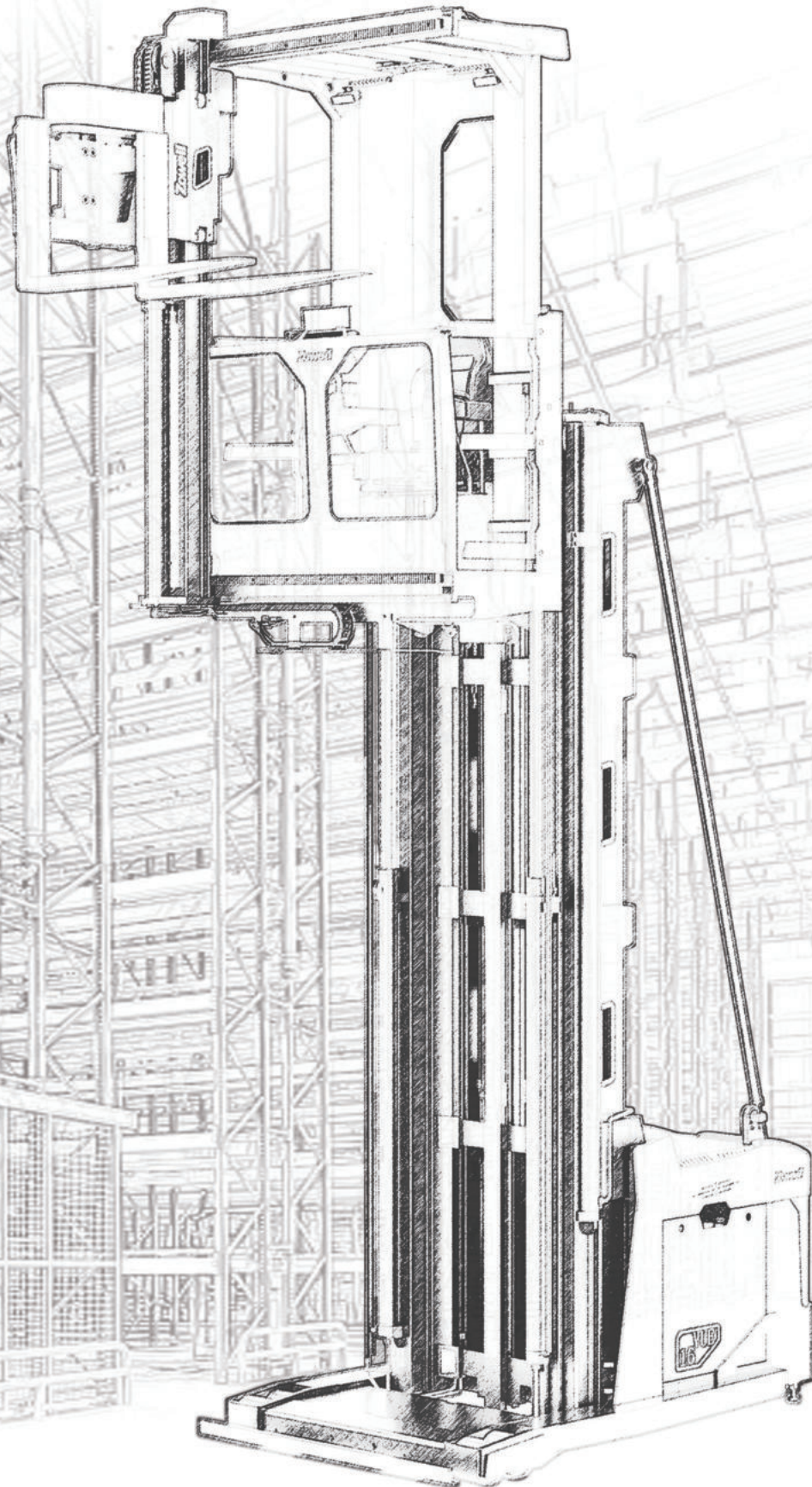




**Zowell**<sup>®</sup>  
Electric Industrial Truck Leader

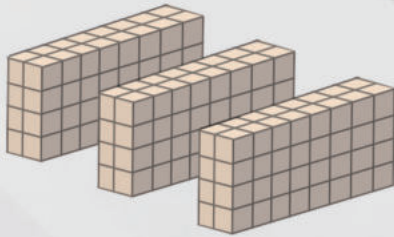
# MAN-UP VNA Forklift



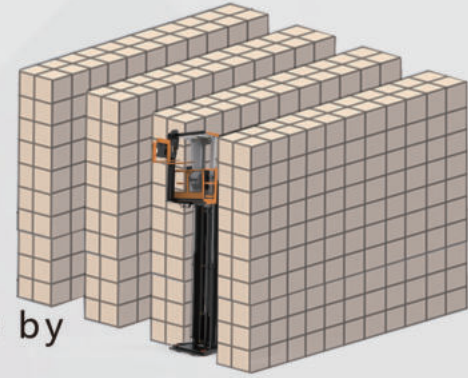
[www.zowellforklifts.com](http://www.zowellforklifts.com)

## Product Overview

Zowell Man-up trilateral VNA forklift is the latest generation forklift fitted with the electric drive fork and has stacking and picking function. The maximum load capacity is 1600kg and the maximum lifting height is 15,500mm. It is equipped with three-way electric drive fork, full AC control system and stable and efficient electromagnetic wire guidance technology. It owns efficient energy recovery system, self-adaptive uneven ground function, comfortable operating cab, multiple active protection for the whole forklift make operation safer. Suitable for wide range of application and a variety of configurations can be optional.



**270%** ↑  
Increases  
warehouse space by



Less storage space is required for the same number of pallets.

More pallet space can be obtained for the same storage space, which maximizes the utilization of storage space.

## Application Industry



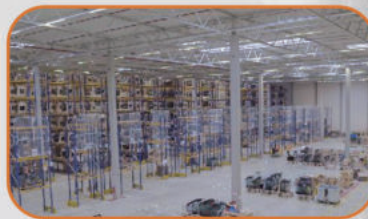
Medicine and Food



Machinery and hardware



Textile and chemical



Electrical and electronics



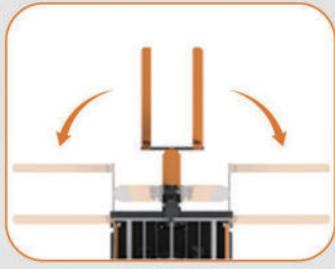
E-commerce logistics



Furniture Decoration



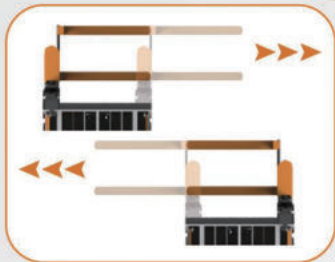
## Product Features



Patented technology of three-way electric drive fork



German imported integrated handle operation, comfortable arm placement, simple operation infinitely adjustable speed, reduce the fatigue intensity of the driver.



As long as the aisle width is sufficient, it can work both inside and outside the aisle at the same time. One button back to the center (fork position back to the center and facing forward direction) and one button linkage (realize picking up and side shifting function at the same time) are equipped as standard.



Spacious cabin, with a large operating space for workers to move more easily.



The cabin is equipped with two electronically locked grille doors for safety and stability to prevent accidents.



Wide field of view, all-round camera system, safer operation.



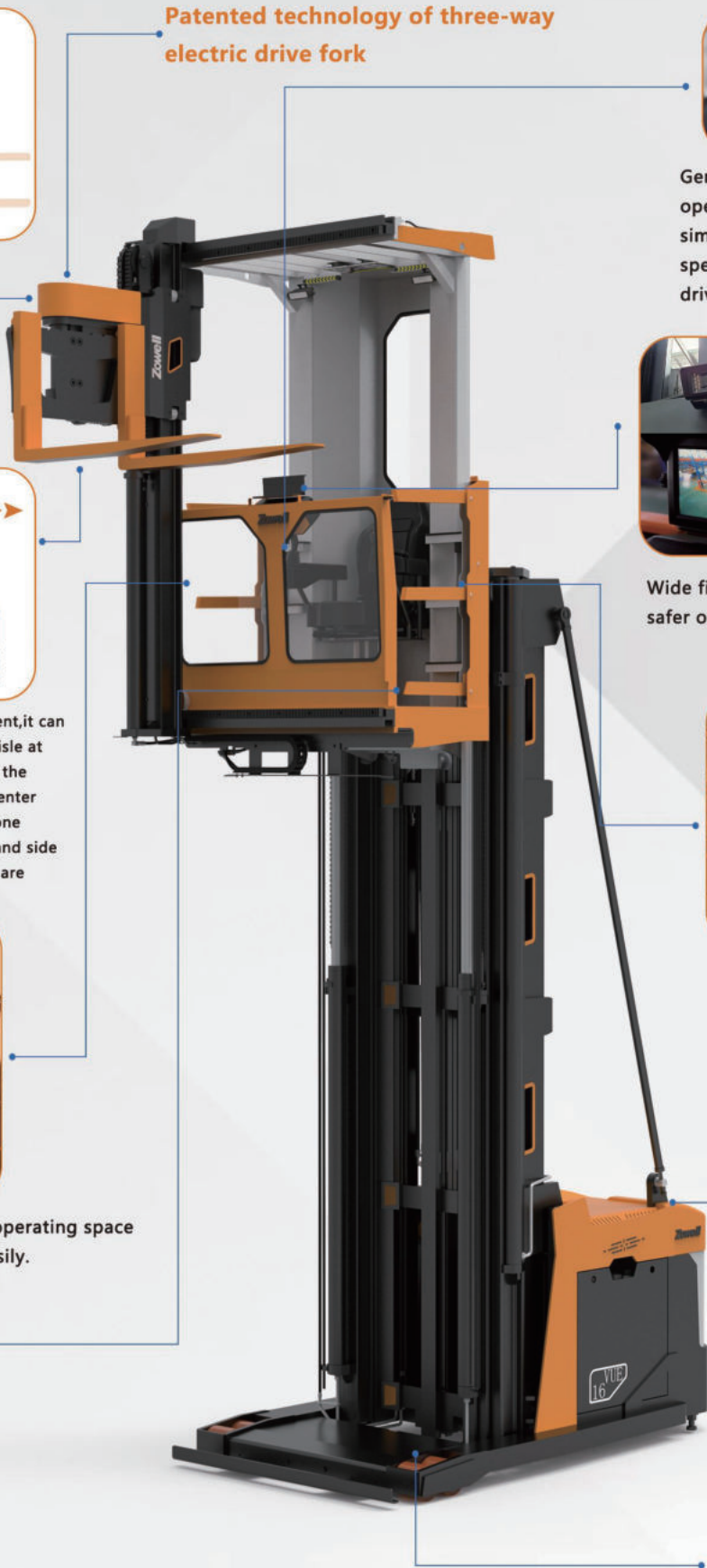
Order picking function



Emergency operation handle for quick lowering to the ground.



It has a floating two-wheel drive structure, a large load capacity and adaptive uneven ground technology to easily handle complex working conditions.



## Product parameters

M O D E L			VUE116-70	VUE116-135S	VUE116-155S
Basic Specifications	Mast type		Double Masts	Triple Masts	Triple Masts
	Drive type		Electric	Electric	Electric
	Operation type		Three way stacking	Three way stacking	Three way stacking
	Load Capacity	kg	1600	1600	1600
	Load Center	mm	600	600	600
	Driving type		Sitting	Sitting	Sitting
	Truck weight (Include battery)	kg	7850	9470	10450
Tyres	Tyres type		PU	PU	PU
	Tyres type Rear wheel	mm	φ400×160	φ400×160	φ400×180
	Front load wheels (Diameter×width)	mm	φ165×145	φ165×145	φ370×172
	Tyres quantity (x= drive wheels)		1x / 4	1x / 4	1x / 2
Dimensions	Mast closed height	mm	4164	5315	5985
	Auxiliary lift heigght	mm	1510	1510	1510
	Lifting height	mm	7000	13500	15500
	Mast extended height	mm	8165	14629	16733
	Seat height	mm	485	485	485
	Overall length (fork in side position)	mm	3848	3848	3948
	Overall width(without guide wheels)	mm	1500	1500	1550
	Fork dimensions	mm	122x50x1200	122x50x1200	122x50x1200
	Fork class/type		2 / A	2 / A	2 / A
	Fork width	mm	297~750	297~750	297~750
	Wheelbase center height	mm	80	80	80
	Minimum turning radius	mm	2355	2355	2455
	Pallet width	mm	1000	1000	1000
	Pallet length	mm	1200	1200	1200
Aisle width	mm	1750	1750	1850	
Minimum main aisle width	mm	5000	5000	5000	
Performance	Driving speed loaded/unloaded	km/h	8.5/9	8.5/9	8.5/9
	Lifting speed loaded/unloaded	mm/s	300/320	300/320	300/320
	Lowering speed Loaded/unloaded	mm/s	350	350	350
	Driving Brake		Electromagnetic brake	Electromagnetic brake	Electromagnetic brake
	Parking Brake		Electromagnetic brake	Electromagnetic brake	Electromagnetic brake
Motor&Battery	Drive motor power	kw	7	7	8
	Driving motor type		AC	AC	AC
	Lifting motor power	kw	20	20	22
	Lifting motor type		AC	AC	AC
	Battery voltage and capacity	V/Ah	48/1000	48/1200	80/700
	Battery weight	kg	1570±5%	1750±5%	1830±5%

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Reminder : All photo here are for reference only and are subject to the physical product if there is any difference .Suzhou Pioneer Material Handling Equipment & Technology Co.Ltd reserves final right of expianation.