

## RICH CONFIGURATIONS

### Standards parts

- Fingertip armrest
- LED lights
- Guiding lasers
- Lead-acid battery
- 80V ZAPI dual-core controller
- 80V lifting&driving motor
- Waterproof cable
- Back up alarm
- Ops system
- Integral side shifter
- Black solid tires
- Adjustable suspension seat

### Optional parts

- Non-marking solid tyres
- Height preselector
- Wireless camera system
- Dual cameras
- Double deep forks
- Li-ION battery

# NALIFT

**Narrower Aisle-Less Cost-Higher Productivity**



# NALIFT

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# COMPANY BACKGROUND



Europe Nalift Co., Ltd is a company specializing in the production of articulated forklifts. The founder is a technical director with 40 years of experience in design and manufacturing in the narrow aisle forklift industry. He founded NALIFT brand by combining his years of experience and upgrading and innovation on the basis of the original technology.

The core components of Nalift are all derived from Europe and are assembled in China. Since its inception, Nalift has always been known for its high cost effective performance and up to date technologies in product line.

We have advanced production capabilities, complete research and development equipment and quality service to provide customers with first-class product. After scientific testing and high intensity driving test, Nalift products can achieve higher lifting height, greater load bearing capacity, better handling experience and lower operating costs, which not only improves production efficiency but also maximise warehouse space.



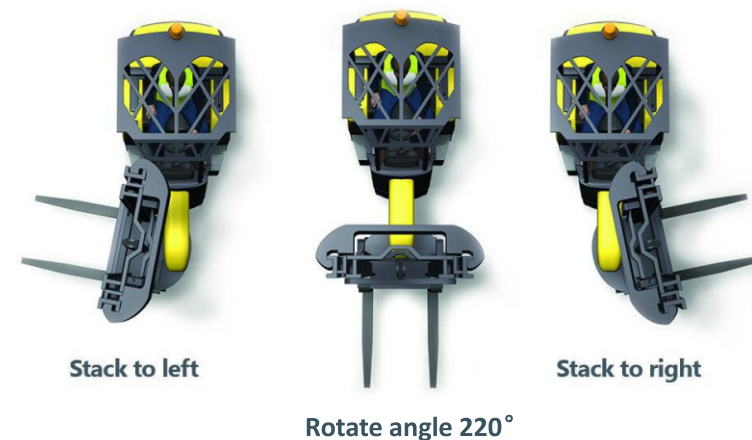
## To store more in less space at a lower cost



Nalift is a professional manufacturer of material handling equipment, offering high quality forklift trucks. Our products provide the lowest cost of ownership while maximizing space and productivity to benefit our clients.

Nalift trucks are tough, versatile and built to last. Designed to withstand heavy-duty use inside and outside, each NALIFT trucks is manufactured to high standard and honored with ISO9001, CE, SGS certificate and special equipment manufacturing license.

This innovative design brings substantial convenience to customers, including higher lifting height, narrower warehouse access, higher work efficiency, better driving experience and lower operating costs. All the work of counterbalance forklift and reach truck can be done by only one Nalift articulated forklift.



## Strong, Versatile, Flexiable Enlarge warehouse spaces and save costs

- Lift height up to 12.4m, aisle width as narrow as 1.8m.
- NALIFT stores 50% more pallet positions than counterbalance forklifts and 30% more pallet positions than reach trucks.
- 220°articulating angle, flexible working in the ultra-narrow aisle.
- 80V ZAPI AC dual-core controller, cool working environment, error free.
- 80V AC lifting&driving motor, maintenance free, powerful, high efficiency.
- Proportional valve, valve speed can be adjusted according to working conditions, making it easier and more accurate to pick up/unload pallets in narrow aisles.
- Fingertip control provides better control experience, provides more comfortable and accurate operation. It also has a special picking mode. With better inch move performance, it makes nalift vna very suitable for high lifting and narrow aisle working situations.
- Strong chassis and mast construction ensure heavy-duty use.
- NALIFT can operate on any floor surface, both inside and out, eliminating double handling, move pallet from lorry to rack in one step, so it save much time and money.
- The maintenance cost is significantly less than normal reach trucks/swing reach truck.
- The ergonomics design making NALIFT provide faster load cycle time and reduce drivers fatigue.
- Providing Iron-lithium battery(optional), maintenance free, longer working life.
- Local dealer support and engineer services.

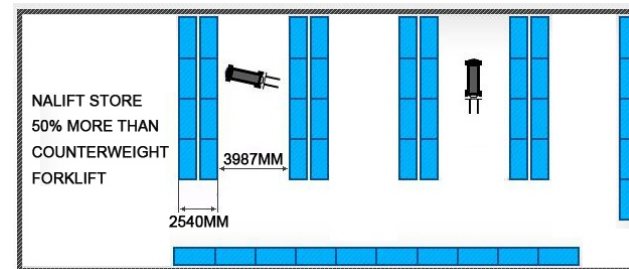
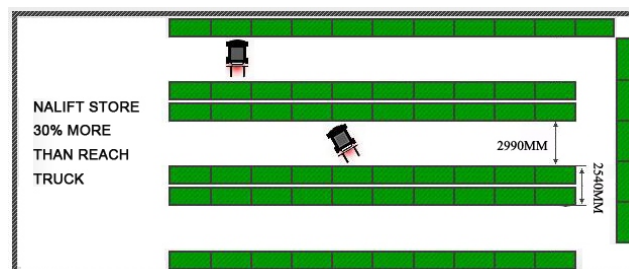
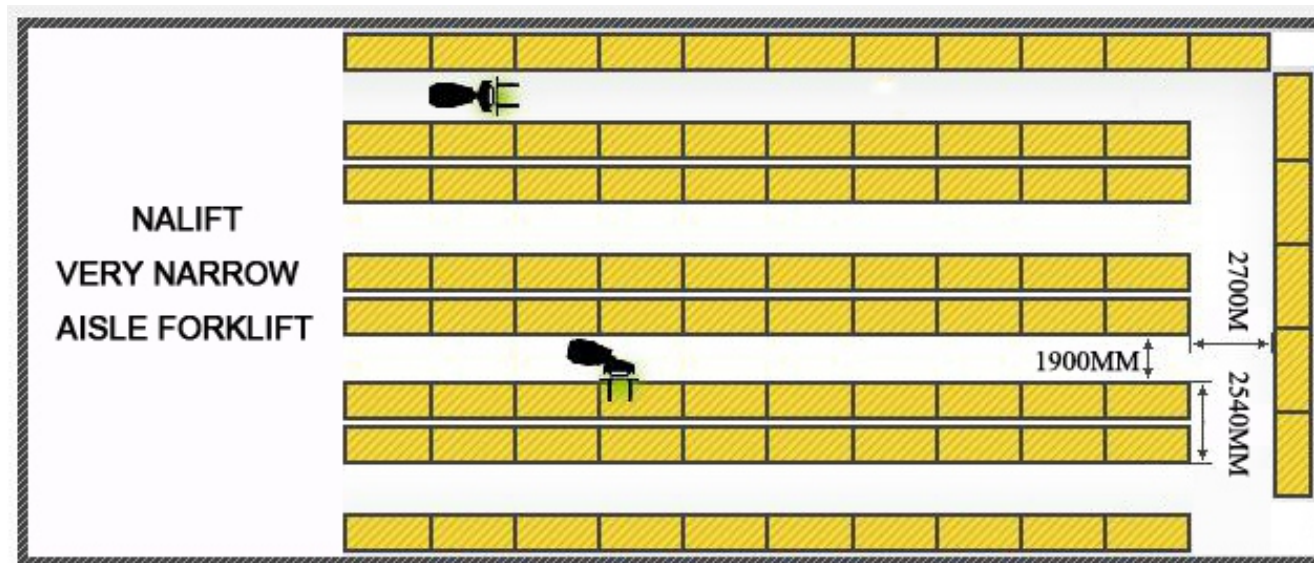


# INCREASE WAREHOUSE CAPACITY

# ADVANCED CONFIGURATIONS

## 220° Rotate angle + 50% Extra space

- Aisle width as narrow as 1800mm.
- Nalift stores 30% more pallets than reach trucks.
- Nalift stores 50% more pallets than counterbalanced forklift.
- All the work of counterbalanced forklifts and reach trucks can be done by only one Nalift articulated forklift.
- Increase storage and reduce warehouse costs.



Fingertip Armrest

The fingertip armrest integrates lifting/lowering, side shifting, tilting, fork positioner telescopic forks, horn, direction switch, inch move functions.

The armrest combined with proportional valves enables the Nalift to have better micromotion, the speed of all functions can be adjusted according the drivers' demand.



Proportional Valve



LiFePO4 Li-ION Battery

Capacity from 80V/280Ah to 80V/405Ah.

Warranty for 5 years/5000hours.  
Charging for 2 hours, working for 6-8 hours.



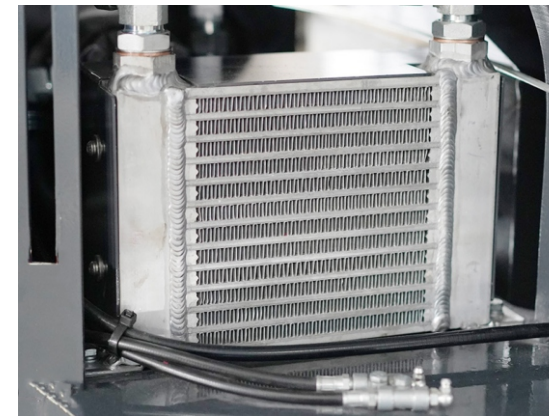
# ADVANCED CONFIGURATIONS



AC lifting motor with external encoder  
Combined with silent gear pump  
Power: 80V 15KW



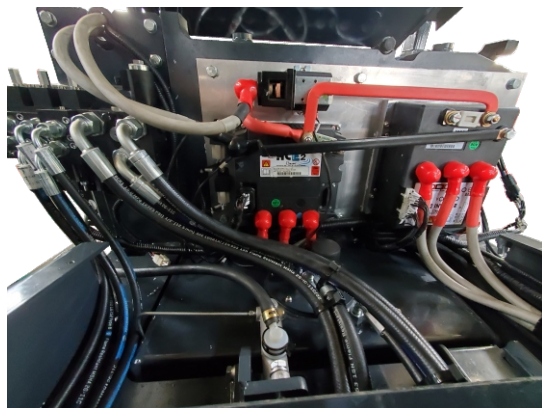
AC driving motor with external encoder  
Power: 80V 19.5KW  
Drive speed: 16km/h



High efficiency hydraulic cooling fan



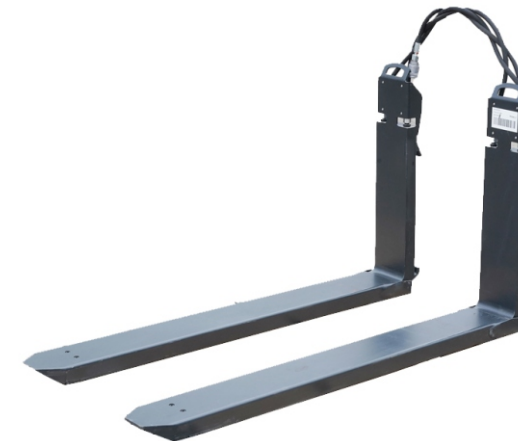
Driving forks into pallet when the  
laser is pointed at the pallet center



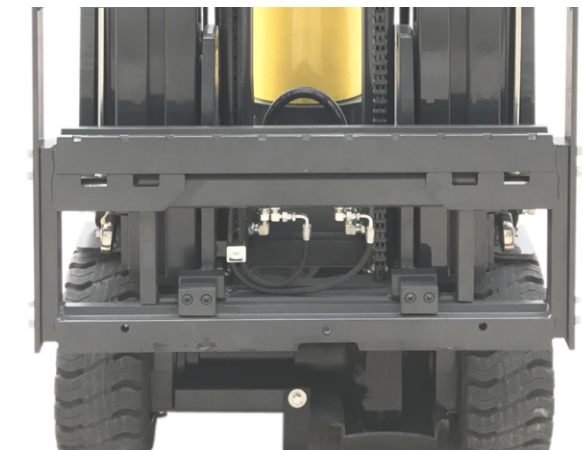
ZAPI AC dual-core controller  
80V system produces less heat



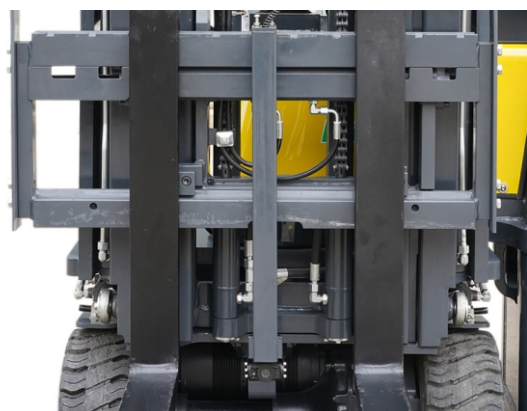
ZAPI dashboard displays failure codes



Telescopic forks(optional)



Integral side shifter



Hanging camera with laser positioning



High-definition LCD display



Black/White solid tyres



Suspension seat with pressure  
switch safety belt and OPS system

# TECHNICAL DATA

Model	Unit	NA15	NA20	NA25	NA30
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 center	mm	600			
Wheel base	mm	1735			
Seat height	mm	1220			
Mast tilt(back/fwd)		3/1			
Rotate angle (left/right)		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/400ah	80v/500ah		
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			