



Standard equipment

- 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

Additional equipment

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



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To store more in less space at a lower cost

LIFT HEIGHT
UP TO
12.4m



Strong, Versatile, Flexiable

Enlarge warehouse spaces and save costs

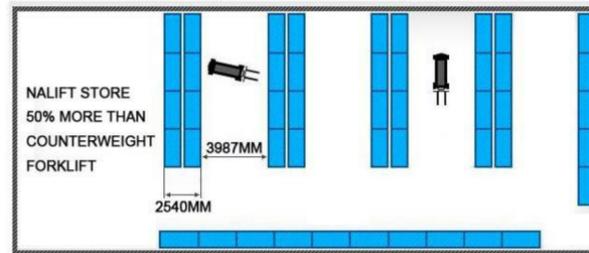
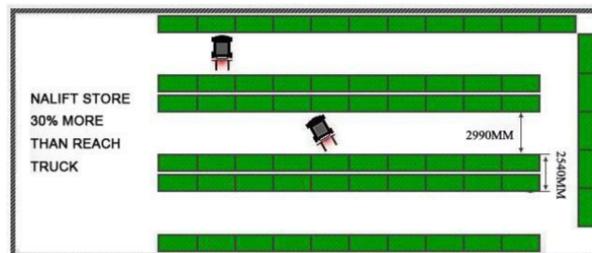
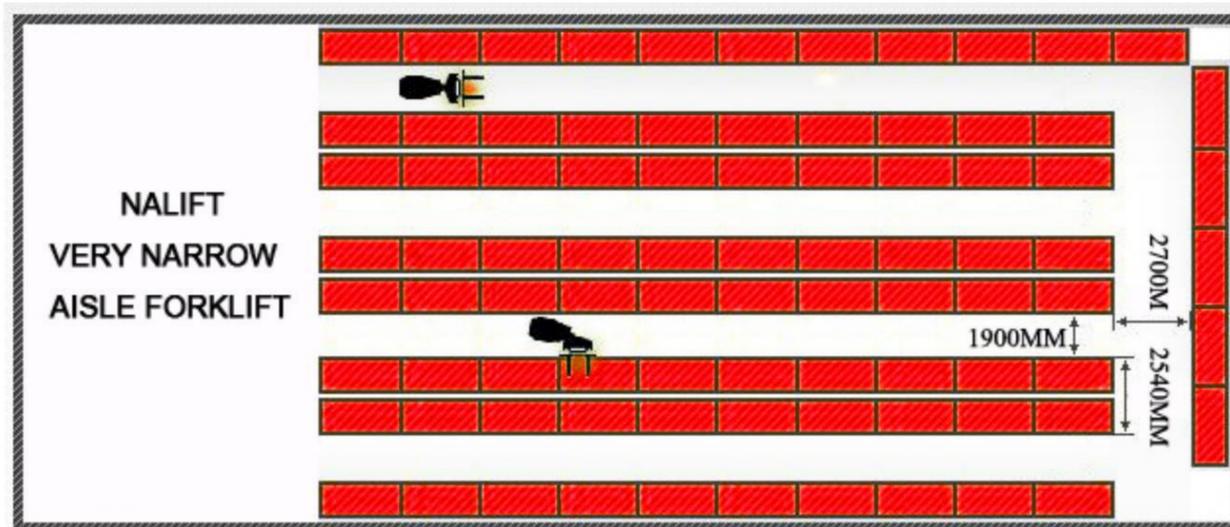
- Lift height up to 12.4m, aisle width as narrow as 1.8m.
- It stores 50% more pallet positions than counterbalance forklifts and 30% more pallet positions than reach trucks.
- 220° articulating angle, flexible working in the ultra-narrow aisle.
- 80V ZAPI AC dual-core controller, cool working environment, 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.
- It 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 it 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.
- It stores 30% more pallets than reach trucks.
- It 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 to the drivers' demand.



LiFePO4 Li-ION Battery

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

Warranty for 5 years/10000hours.
Charging for 2 hours, working for 6-8 hours.



Proportional Valve

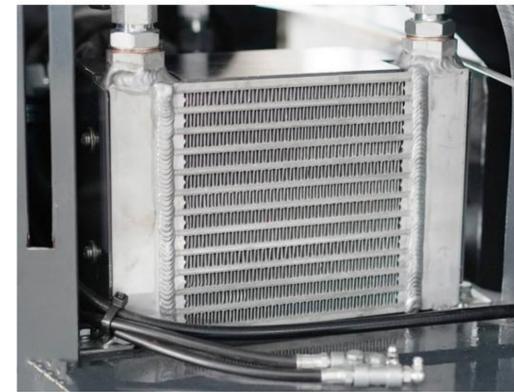
ADVANCED CONFIGURATIONS



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



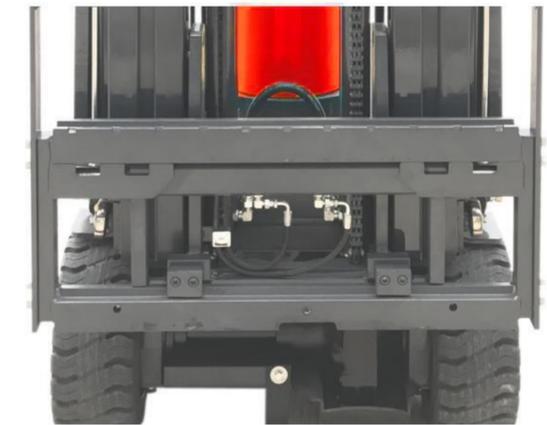
ZAPI AC dual-core controller
80V system produces less heat



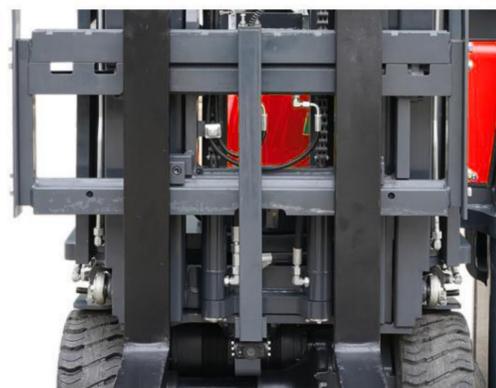
ZAPI dashboard displays failure codes



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	0.55/0.70			
Front tyre size	mm	413*178			
Rear tyre size	mm	457*178		457*229	
Grade ability(load/unload)	%	18/20			
Battery voltage/capacity	V/Ah	80v/400	80v/500		
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			