

NINGBO RUYI

xilin

since 1985

OPTS15

**Узкопроходный штабелёр
с трёхсторонней
обработкой груза
VNA MAN-UP**





Комфортное сиденье и регулируемая панель управления. Переднее панорамное окно сделано из безопасного стекла для защиты оператора и хорошего обзора



Защитная крыша с вентиляторами и рабочим светом



Установленные внутри противовеса сенсоры позволяют заблаговременно обнаружить препятствие, обеспечивая безопасную работу



Современный multifunctional LCD дисплей с умной операционной системой



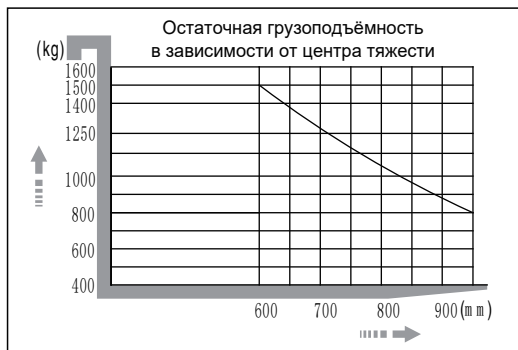
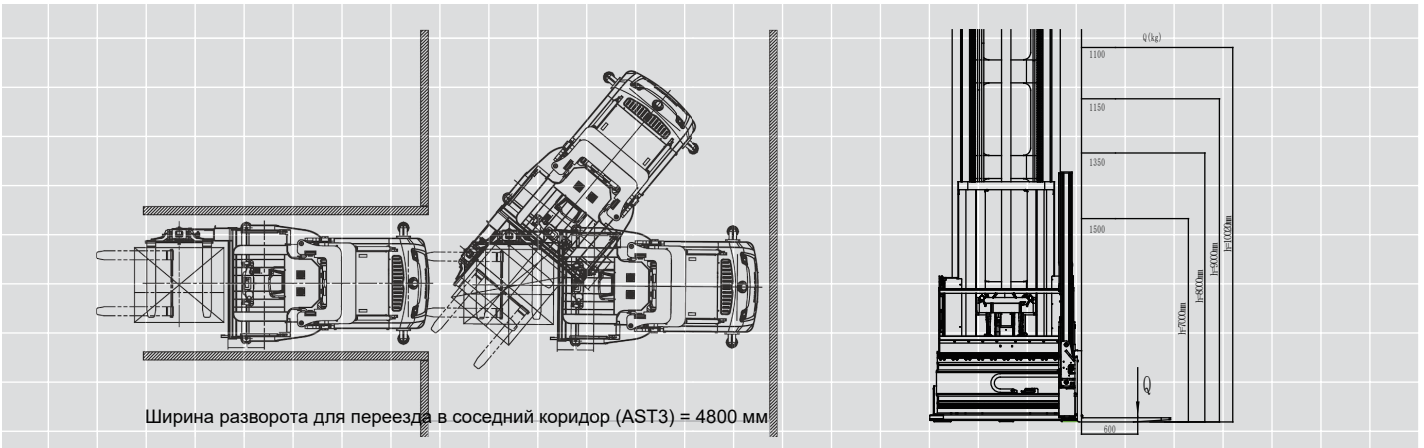
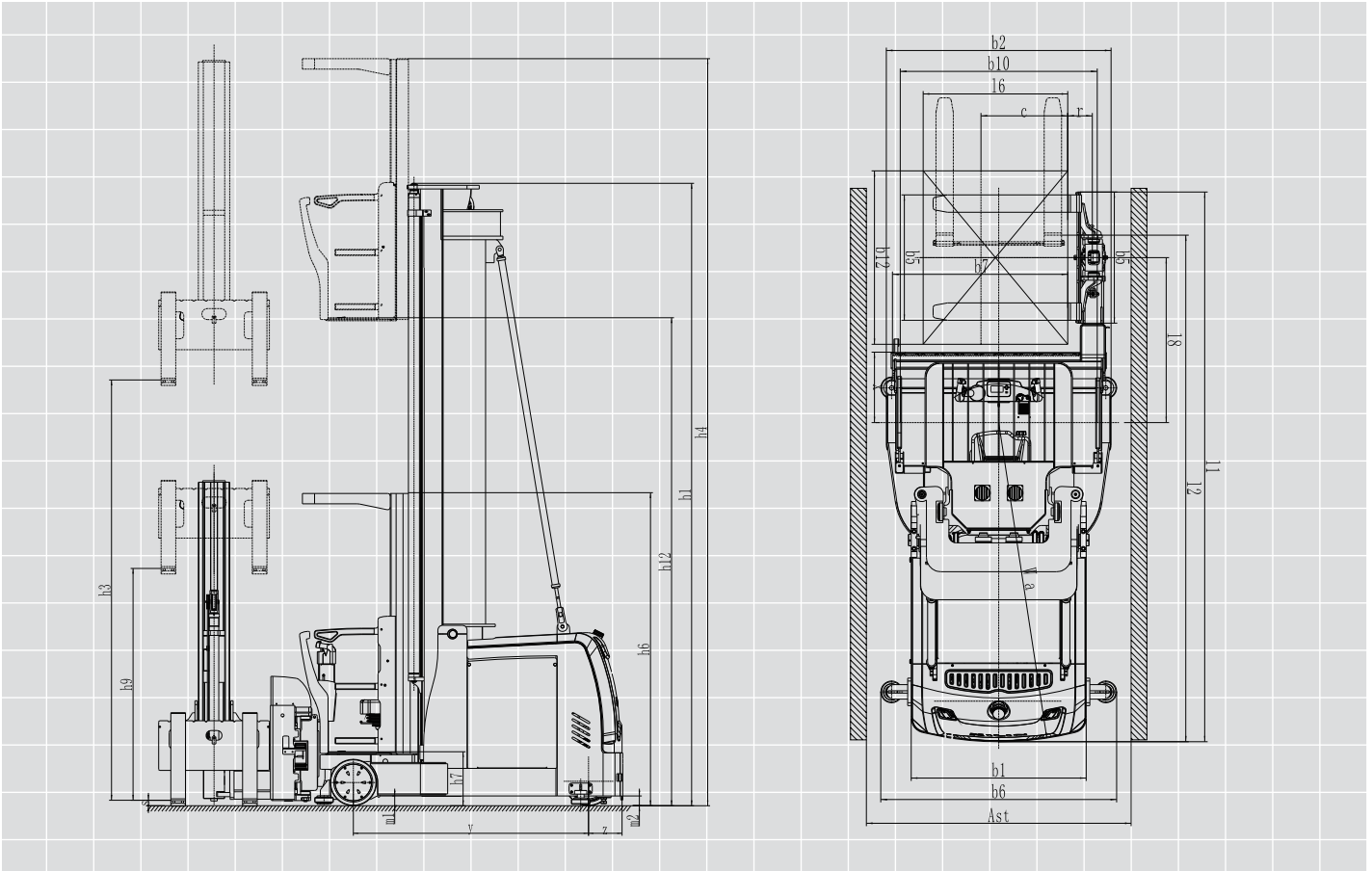
Боковая выемка батареи на стальных роликах для быстрой смены



Боковые ролики (опция)



Каретка поворачивается на 180 градусов, с удобным управлением даже на больших высотах в условиях ограниченного маневрирования



Номинальная грузоподъёмность

Грузоподъёмность до высоты 7000 мм	1500 кг
Грузоподъёмность на высоте от 7000 до 10200 мм	1100 кг
Номинальный центр тяжести	600 мм



Технические параметры

Model		OPTS15(6M)	OPTS15(6.5M)	OPTS15(8M)
Тип двигателя		ELECTRIC		ELECTRIC
Тип техники		TRI - LATERAL REACH TRUCK		TRI - LATERAL REACH
Номинальная грузоподъемность	Q(kg)	1500	1500	1500
Остаточная грузоподъемность на максимальной высоте подъема		1500kg	1380kg	1150kg
Центр тяжести	c(mm)	600	600	600
Расстояние от ведущей оси до спинки вил	x(mm)	485 ±10	485 ±10	485 ±10
Колёсная база	y(mm)	1928 ±20	1928 ±20	1928 ±20
Противоположное ведущее колесо / со стороны противовеса	z(mm)	280	280	280
Общий вес, включая батарею	kg	7705	7705	8105
Нагрузка на ось, с грузом передняя / задняя	kg	7340/1665 lengthways	7440/1765 lengthways	7640/1965 lengthways
Нагрузка на ось, без груза передняя / задняя	kg	4580/2925	4680/3025	4880/3225
Размер колёс, передние	PU	380x192	380x192	380x192
Размер колёс, задние	PU	400x160	400x160	400x160
Колёсная формула, передние / задние (x = ведущее колесо)		2/1x	2/1x	2/1x
	b10(mm)	1362 ±10	1362 ±10	1362 ±10
	h1(mm)	3498 ±20	3745 ±20	4498 ±20
	h3(mm)	4260	4760	6260
	h4(mm)	6928 ±20	7428 ±20	8928 ±20
	h6(mm)	2564 ±20	2564 ±20	2564 ±20
	h7(mm)	442 ±10	442 ±10	442 ±10
	h9(mm)	1740	1740	1740
	h12(mm)	4702 ±20	5202 ±20	6702 ±20
	l1(mm)	3805 ±20	3805 ±20	3805 ±20
	l2(mm)	3470 ±20	3470 ±20	3470 ±20
	b1/b2(mm)	1210/1555	1210/1555	1210/1555
	s/e/l(mm)	40x120x1070	40x120x950	40x120x1070
A ISO 2328, A, B		2/B	2/B	2/B
	b3(mm)	908	908	908
	b5(mm)	870	870	870
	b6(mm)	1630	1630	1630
	b7(mm)	1300 ±20	1300 ±20	1300 ±20
	b8(mm)	480	480	480
	m1(mm)	80	80	80
	m2(mm)	80	80	80
Aisle width for pallets 1200 x 1200	Ast(mm)	1700	1680	1700
Aisle width for pallets 1200 x 800	Ast3(mm)	4200	4200	4200
Turning radius	Wa(mm)	2220 ±20	2220 ±20	2220 ±20
front axle to fork turning center distance	l8(mm)	1150	1150	1150
Total lifting height	h3+h9(mm)	6000	6500	8000
Max pick up height	h12+1600(mm)	6302 ±20	6802 ±20	8302 ±20
Distance from fork rotation center to front overhang	l8-x(mm)	650	650	650
Pallet width	b12(mm)	1200	1200	1200
Pallet length	l6(mm)	1000	1000	1000
Net width of cabin	mm	420	420	420
Net height of cabin	mm	2070 ±20	2070 ±20	2070 ±20
overall width of cabin	b9(mm)	1430 ±10	1430 ±10	1430 ±10
Rotating front extension carriage width	b14(mm)	1488	1488	1488
Cantilever width	l10(mm)	175	175	175
Distance from fork pivot to fork carriage	r(mm)	155	150	155
Travel speed, laden / unladen	km/h	10/10	10/10	10/10
Lift speed, laden / unladen	mm/s	280/300	280/300	280/300
Lowering speed, laden / unladen	mm/s	320/300	320/300	320/300
Moving speed, laden / unladen	mm/s	190/200	190/200	190/200
Service brake		regenerative brake	regenerative brake	regenerative brake
Parking brake		electro megentic	electro megentic	electro megentic
Drive motor rating S2 60 min	KW	7.5 (AC)	7.5 (AC)	7.5 (AC)
Lift motor rating at S3 15%	KW	20 (AC)	20 (AC)	20 (AC)
pressure of system	bar	200	200	200
Battery acc. to DIN 43531 /35 / 36 A, B, C, no		4PZS560	4PZS560	4PZS560
Battery voltage, nominal capacity K5	V/Ah	80/560	80/560	80/560
Battery weight	kg	1480 (1450 -1510)	1480 (1450 -1510)	1480 (1450 -1510)
Traction control type		AC	AC	AC
Sound level at driver's ear according to EN 12 053	dB Db(A)	68	68	68



Технические параметры

1KG=2.205LB 1INCH=25.40MM

Model		OPTS15(9.2M)	OPTS15(10M)	OPTS15(10.5M)
Power		ELECTRIC		
Operation type		TRI - LATERAL REACH TRUCK	TRI - LATERAL REACH TRUCK	TRI - LATERAL REACH TRUCK
Load capacity / Rated load	Q(kg)	1500	1500	1500
load capacity at max height		950kg	900kg	850kg
Load centre distance	c(mm)	600	600	600
Load distance, centre of drive axle to fork	x(mm)	485 ±10	485 ±10	485 ±10
Wheelbase	y(mm)	1928 ±20	1928 ±20	1928 ±20
Contre drive wheel/Counter weight	z(mm)	280	280	280
Service weight incl. battery (see line 6.5)	kg	8405	8705	8805
Axle loading, laden front / rear	kg	7790/2115 lengthways	7940/2265 lengthways	7990/2315 lengthways
Axle loading, unladen front / rear	kg	4980/3425	5130/3575	5180/3625
Tyre size, front	PU	380x192	380x192	380x192
Tyre size, rear	PU	400x160	400x160	400x160
Wheels, number front / rear (x = driven wheels)		2/1x	2/1x	2/1x
Front wheel distance	b10(mm)	1362 ±10	1362 ±10	1362 ±10
close height of mast	h1(mm)	5098 ±20	5498 ±20	5748 ±20
Lifting height	h3(mm)	7460	8260	8760
Overall height, mast extended	h4(mm)	10128 ±20	10928 ±20	11428 ±20
Height of overhead guard	h6(mm)	2564 ±20	2564 ±20	2564 ±20
Platform height	h7(mm)	442 ±10	442 ±10	442 ±10
Auxiliary lifting height	h9(mm)	1740	1740	1740
platform height , lifted	h12(mm)	7902 ±20	8702 ±20	9202 ±20
Overall length (unladen)	l1(mm)	3805 ±20	3805 ±20	3805 ±20
Truck body length, w/o fork	l2(mm)	3470 ±20	3470 ±20	3470 ±20
Overall width	b1/b2(mm)	1210/1555	1210/1555	1210/1555
Fork dimensions	s/e/l(mm)	40x120x1070	40x120x1070	40x120x1070
Fork carriage ISO 2328, class / type A, B		2/B	2/B	2/B
Fork carriage width	b3(mm)	908	908	908
Width over forks	b5(mm)	870	870	870
Width across guide roller	b6(mm)	1630	1630	1630
side extended distance	b7(mm)	1300 ±20	1300 ±20	1300 ±20
side extended distance to center of truck	b8(mm)	480	480	480
Ground clearance, laden, under mast	m1(mm)	80	80	80
Ground clearance, centre of wheelbase	m2(mm)	80	80	80
Aisle width for pallets 1200 x 1200	Ast1(mm)	1700	1700	1700
Aisle width for pallets 1200 x 800	Ast3(mm)	4200	4200	4200
Turning radius	Wa(mm)	2220 ±20	2220 ±20	2220 ±20
front axle to fork turning center distance	l8(mm)	1150	1150	1150
Total lifting height	h3+h9(mm)	9200	10000	10500
Max pick up height	h12+1600(mm)	9502 ±20	10302 ±20	10802 ±20
Distance from fork rotation center to front overhang	l8-x(mm)	650	650	650
Pallet width	b12(mm)	1200	1200	1200
Pallet length	l6(mm)	1000	1000	1000
Net width of cabin	mm	420	420	420
Net height of cabin	mm	2070 ±20	2070 ±20	2070 ±20
overall width of cabin	b9(mm)	1430 ±10	1430 ±10	1430 ±10
Rotating front extension carriage width	b14(mm)	1488	1488	1488
Cantilever width	l10(mm)	175	175	175
Distance from fork pivot to fork carriage	r(mm)	155	155	155
Travel speed, laden / unladen	km/h	10/10	10/10	10/10
Lift speed, laden / unladen	mm/s	280/300	280/300	280/300
Lowering speed, laden / unladen	mm/s	320/300	320/300	320/300
Moving speed, laden / unladen	mm/s	190/200	190/200	190/200
Service brake		regenerative brake	regenerative brake	regenerative brake
Parking brake		electro megentic	electro megentic	electro megentic
Drive motor rating S2 60 min	KW	7.5 (AC)	7.5 (AC)	7.5 (AC)
Lift motor rating at S3 15%	KW	20 (AC)	20 (AC)	20 (AC)
pressure of system	bar	200	200	200
Battery acc. to DIN 43531 /35 /36 A, B, C, no		4PZS560	4PZS560	4PZS560
Battery voltage, nominal capacity K5	V/Ah	80/560	80/560	80/560
Battery weight	kg	1480 (1450 -1510)	1480 (1450 -1510)	1480 (1450 -1510)
Traction control type		AC	AC	AC
Sound level at driver's ear according to EN 12 053 dB (A)	Db(A)	68	68	68

Advantages

- Designed with 3-point support structure, low central gravity, great steering stability and small turning radius.
- 2 sets of energy regeneration system to save energy and lower cost independently.
- Lifting mast with high torsion resistance lifts up surplus load and reduces its shaking.
- Full AC driving control technology provides stronger power and higher efficiency.
- Intelligent management system and CAN-Bus system are able to meet various needs, making the truck secure and reliable.
- Multi-axis control technology promotes work efficiency.
- Self-balancing control technology with high central gravity over loading shows fine stability of the truck.
- Interlock control between height and speed during travelling ensures the truck's dynamic stability.
- Multi-level security alarming system includes laser anti collision sensor, emergency stop, audible and visible alarms to make sure both personal and machinery security around.
- Ergonomic handle eases the operation. Powerful and multi-functional LCD instrument cluster at the middle of the operating bridge.
- Adopt an operating bridge with adjustable tilt angle and height to meet ideal position of the operator by adjusting the seat back and forth.
- Imported & well known branded driving wheel, EM controlling valve, controller, contactor, steering potentiometer, etc.
- 3 speed modes: slow, medium, fast are optional for different work conditions.
- On-board diagnostic system ensures relevant maintenance and prompt repair.



Standard configuration

1	Duplex mast	12	Germany driving wheel
2	Fork length 950mm	13	Metal stamping left and right side panels and hood
3	Hydraulic control system with Magnetic valve	14	Emergency power off switch
4	High performance and high torque AC drive motor	15	Reversing buzzer
5	High performance and large torque oil pump motor	16	Imported connectors
6	Platform adjustable mechanism for up and down, front and rear	17	Sports terminal intelligent buffer
7	Multifunction LCD combination instrument (including soft keys)	18	Rear mirror
8	LED side light, LED instruction light, LED read light	19	CANbus system
9	Seat with cushion with safety belt	20	Italy imported low noise gear pump
10	With three Curtis controller for driving, steering and lifting	21	Sideway Battery 80V/560AH
11	Integrated front pedal	22	Charger 80V/80A