



MOVME[®]

MAKE EVERYTHING EASIER





00109Q12296RIM/3302
00109E20323RIM/3302
00109S10127RIM/3302



体系认证
CNAS C001-Q, E, S

OPTS15

(VNA MAN-UP)



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 multifunctional 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
2. Fork length 1070mm
3. Hydraulic control system with Magnetic valve
4. High performance and high torque AC drive motor
5. High performance and large torque oil pump motor
6. Platform adjustable mechanism for up and down, front and rear
7. Multifunction LCD combination instrument (including soft keys)
8. LED side light, LED instruction light, LED read light
9. Seat with cushion with safety belt
10. With three Curtis controller for driving, steering and lifting
11. Integrated front pedal
12. Germany driving wheel
13. Metal stamping left and right side panels and hood
14. Emergency power off switch
15. Reversing buzzer
16. Imported connectors
17. Sports terminal intelligent buffer
18. Rear mirror
19. CANbus system
20. Italy imported low noise gear pump
21. Sideway Battery 80V/560AH
22. Charger 80V/80A prompt repair.



With comfortable seat and adjustable panel. Front panoramic window made of safety glass for protection and a clear view of front forks.



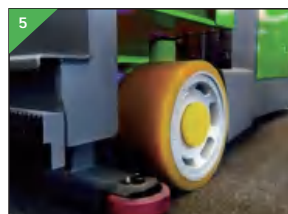
Have sensor inside the back of truck to monitor obstacle to ensure safety operation space.



Overhead guard with fans and working light.



Multifunction LCD combination Instrument with Intelligent operation system.



Side Guide roller (standard)

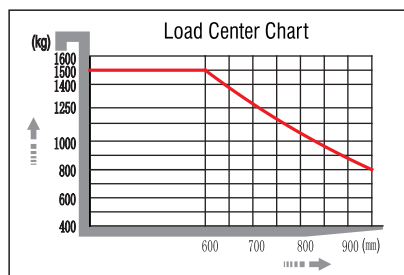
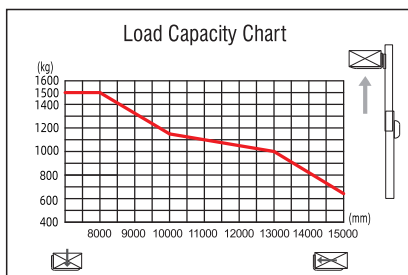
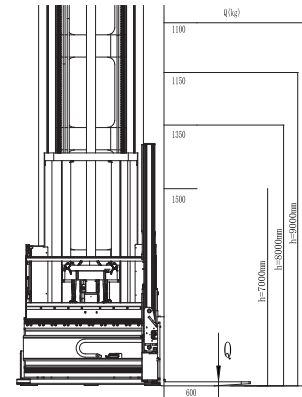
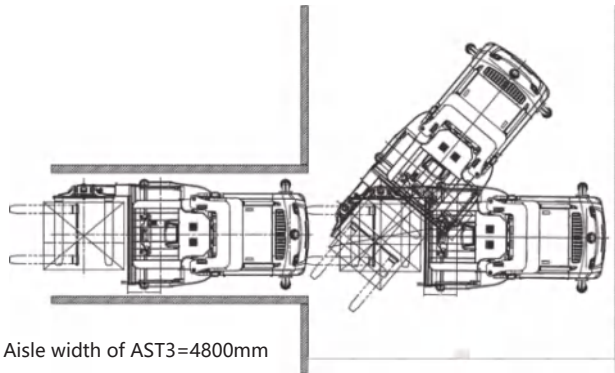
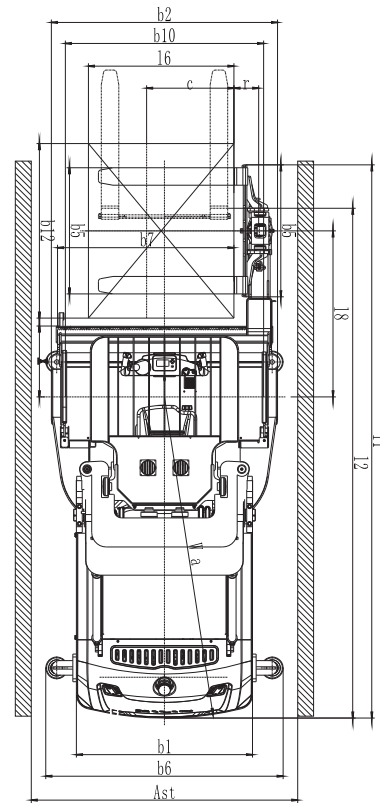
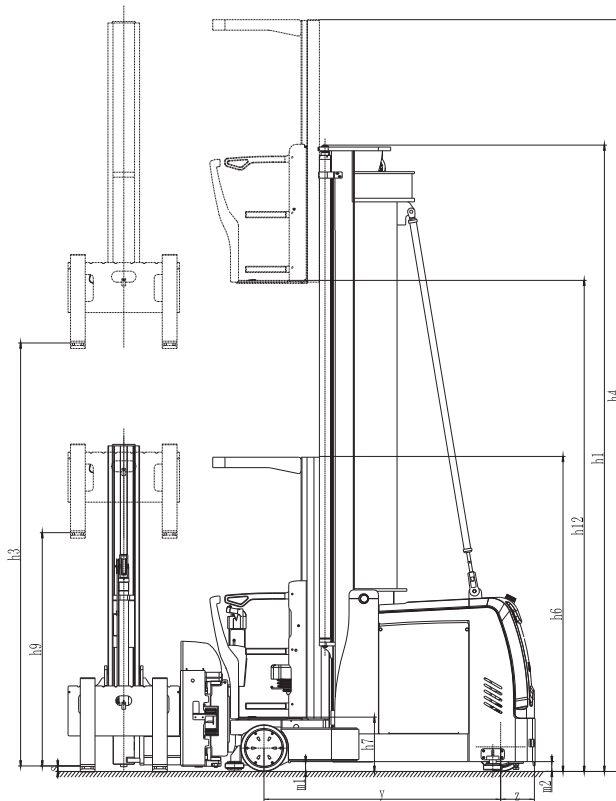


With sideways battery rollers offers quick changes.

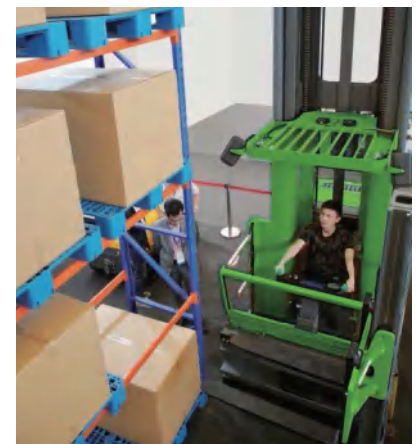


Fork carriage can rotate 180 degrees, flexible for operation in high racking with small aisle.

Model		OPTS15(9.2M)	OPTS15(10M)	OPTS15(10.5M)	OPTS15(13M)
Power		ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC
Operation type		TRI-LATERAL-REACH TRUCK	TRI-LATERAL-REACH TRUCK	TRI-LATERALREACH TRUCK	TRI-LATERAL-REACH TRUCK
Load capacity / Rated load	Q (kg)	1500	1500	1500	1500
Load capacity at max height		950kg	950kg	850kg	600kg
Load centre distance	c (mm)	600	600	600	600
Load distance, centre of drive axle to fork	x (mm)	485+10	485+10	485+10	485+10
Wheelbase	y (mm)	1928+20	1928+20	1928+20	2248±20
Contre drive wheel/Counter weight	z (mm)	280	280	280	280
Service weight incl. battery (see line 6.5)	kg	8405	8405	8805	98559
Axle loading, laden front / rear	kg	7790/2115 lengthways	7790/2115 lengthways	7990/2315 lengthways	8540/3015 lengthways
Axle loading, unladen front / rear	kg	4980/3425	4980/3425	5180/3625	5730/4775
Tyre size, front	PU	380x192	380x192	380x192	380x192
Tyre size, rear	PU	400x160	400x160	400x160	400x160
Wheels, number front/ rear (x = driven wheels)		2/1x	2/1x	2/1x	2/1x
Front wheel distance	b ₁₀ (mm)	1362+10	1362+10	1362+10	1362±10
Closed height of mast	h ₁ (mm)	5098+20	5098+20	5748+20	5212±20
Lifting height	h ₂ (mm)	7460	7460	8760	11260
Overall height, mast extended	h ₄ (mm)	10128+ 20	10128+ 20	11428+20	13928±20
Height of overhead guard	h ₆ (mm)	2564+ 20	2564+ 20	2564+20	2564±20
Platform height	h ₇ (mm)	442+10	442+10	442+10	442±10
Auxiliary lifting height	h ₉ (mm)	1740	1740	1740	1740
Platform height , lifted	h ₁₂ (mm)	7902+ 20	7902+ 20	9202+ 20	11702±20
Overall length (unladen)	l ₁ (mm)	3805+20	3805+20	3805+20	4125±20
Truck body length, w/o fork	l ₂ (mm)	3470+ 20	3470+ 20	3470+20	3390±20
Overall width	b ₁ /b ₂ (mm)	1210/1555	1210/1555	1210/1555	1210/1555
Fork dimensions	s/e/l (mm)	40x120x1070	40x120x1070	40x120x1070	50x120x1070
Fork carriage ISO 2328, class / type A, B		2/B	2/B	2/B	2/B
Fork carriage width	b ₃ (mm)	908	908	908	908
Width over forks	b ₄ (mm)	870	870	870	870
Width across guide roller	b ₅ (mm)	1630	1630	1630	1630
Side extended distance	b ₇ (mm)	1300+20	1300+20	1300+20	1300±20
Side extended distance to center of truck	b ₈ (mm)	480	480	480	480
Ground clearance, laden, under mast	m ₁ (mm)	80	80	80	80
Ground clearance, centre of wheelbase	m ₂ (mm)	80	80	80	80
Aisle width for pallets 1200 x 1200	Ast (mm)	1700	1700	1700	1700
Aisle width for pallets 1200 x 800	Ast3 (mm)	4200	4200	4200	4520
Turning radius	Wa (mm)	2220+ 20	2220+ 20	2220+20	2540±20
Front axle to fork turning center distance	l ₈ (mm)	1150	1150	1150	1150
Total lifting height	h ₃ +h ₉ (mm)	9200	9200	10500	13000
Max pick up height	h ₁₂ +1600 (mm)	9502+ 20	9502+ 20	10802+20	12302±20
Distance from fork rotation center to front overhang	18-x (mm)	650	650	650	650
Pallet width	b ₁₂ (mm)	1200	1200	1200	1200
Pallet length	16(mm)	1000	1000	1000	1000
Net width of cabin	mm	420	420	420	420
Net height of cabin	mm	2070+ 20	2070+ 20	2070+ 20	2070±20
Overall width of cabin	b ₉ (mm)	1430+10	1430+10	1430+10	1430±10
Rotating front extension carriage width	b ₁₄ (mm)	1488	1488	1488	1488
Cantilever width	110(mm)	175	175	175	175
Distance from fork pivot to fork carriage	r(mm)	155	155	155	155
Travel speed, laden / unladen	km/h	10/10	10/10	10/10	10/10
Lift speed, laden / unladen	mm/s	280/300	280/300	280/300	300/320
Lowering speed, laden / unladen	mm/s	320/300	320/300	320/300	320/300
Moving speed, laden / unladen	mm/s	190/200	190/200	190/200	190/200
Service brake		regenerative brake	regenerative brake	regenerative brake	regenerative brake
Parking brake		electro megentic	electro megentic	electro megentic	electro megentic
Drive motor rating S2 60 minLift motor rating at S3 15%	KW	7.5(AC)	7.5(AC)	7.5(AC)	7.5(AC)
Lift motor rating at S3 15%	KW	20(AC)	20(AC)	20(AC)	20(AC)
Pressure of system	bar	200	200	200	200
Battery acc. to DIN 43531 /35 / 36 A, B, C, no		4PZS560	4PZS560	4PZS560	5PZS600(700)
Battery voltage, nominal capacity K5	V/Ah	80/560	80/560	80/560	80/600(700)
Battery weight	kg	1480(1450-1510)	1480(1450-1510)	1480(1450-1510)	1780(1750-1810)
Traction control type		AC	AC	AC	AC
Sound level at driver's ear according to EN 12 053 dB (A)	Db(A)	68	68	68	68
Steering		EPS	EPS	EPS	EPS



Rated Load Capacity	
Rated Load Cap. Lifting height limited to 7000 mm	1500kg
Rated Load Cap. Lifting height limited from 7000 to 10020mm	1100kg
Load Center	600mm





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