

Model: OPTS15 (VAN 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 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.



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



Overhead guard with fans and working light.



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



Multifunction LCD combination instrument with intelligent operation system.



With sideway battery rollers offers quick changes.



Side Guide roller (option)



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

Electric Pallet Truck

Electric Stracker

Order Pallet

Narrow Aisle Truck

Electric Low Tractor

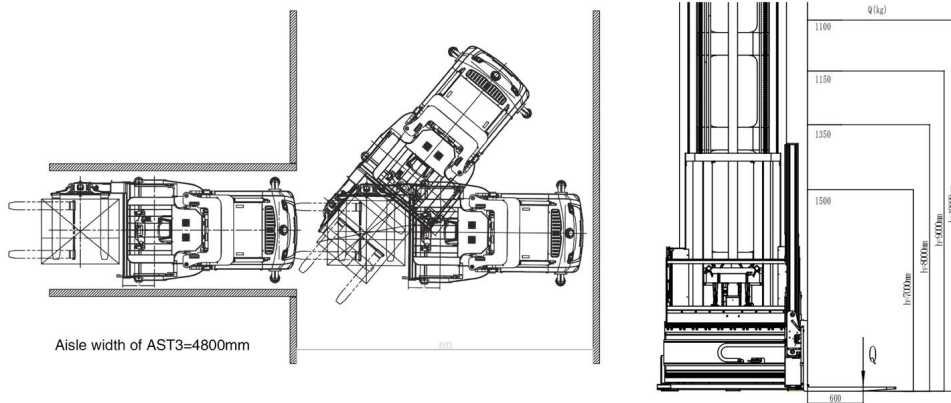
Hand Pallet Truck

Manual Stracker

Lift Table

Tri - Lateral Reach Truck

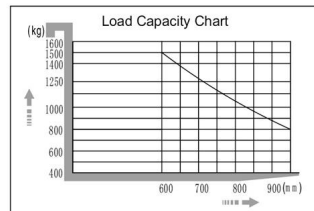
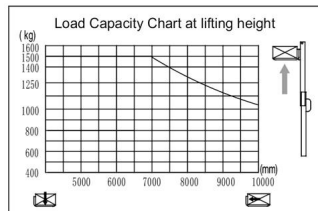
HULKMAN



Aisle width of AST3=4800mm

Standard configuration

1	Duplex mast	12	Germany driving wheel
2	Fork length 950	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/80AH



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

1KG=2.205LB 1INCH=25.40MM

Model	OPTS15	
Operation type	Electric	
Load capacity / Rated load	Q(kg)	1500
Load centre distance	c(mm)	600
Load distance, centre of drive axle to fork	x(mm)	500±10
Wheelbase	y(mm)	1928±20
Drive wheel centre to rear distance	z(mm)	280
Service weight (with battery)	kg	8805
Axle loading, laden front/rear	kg	8090/2215
Axle loading, unladen front/rear	kg	5280/3495
Tyre size-front	PU	380*192
Tyre size-rear	PU	400*160
Wheels, number front/rear (x= driven wheel)		2/1x
Track width, front	b ₀ (mm)	1362±10
Lowered mast height (duplex mast)	h ₀ (mm)	5498±20
Lifting height	h₁(mm)	8280
Total height (extended mast)	h ₂ (mm)	10450±20
Overhead guard height	h ₃ (mm)	2064±20
Standing platform height	h ₄ (mm)	440±10
Auxiliary lifting height	h ₅ (mm)	1740
Standing platform height after lifting	h ₆ (mm)	8700±20
Overall length (unladen)	l ₁ (mm)	3805±20
Length to face of forks	l ₂ (mm)	3510±20
Overall width	b ₁ /b ₂ (mm)	1210/1555
Fork dimensions	s/e/l(mm)	40*120*950
Fork carriage ISO2328, class/type A, B		2/B
Fork carriage width	b ₃ (mm)	908
Width over forks	b ₄ (mm)	870
Width across guide rollers	b ₅ (mm)	1630
Reach, lateral	b ₆ (mm)	1320±20
Side reach to the centerline distance	b ₇ (mm)	480
Ground clearance, laden, under mast	m ₁ (mm)	80
ground clearance, centre of wheelbase	m ₂ (mm)	80
Aisle width of pallet 600x1200	A ₁ (mm)	1650
Aisle width of pallet 1000x1200	A ₂ (mm)	1650
Turning radius	W ₁ (mm)	2280±20
Front axle to fork rotation pivot distance	l ₃ (mm)	1150
Total lifting height	h ₇ +h ₈ (mm)	10020
Max. picking height	h ₉ +1600(mm)	10300±20
Fork rotation center to front overhang distance	l ₄ -x(mm)	650
Pallet width	b ₈ (mm)	1200
Pallet length	l ₅ (mm)	1000
Cabin entrance net width	mm	420
The interior height of the cabin	mm	2110±20
Overall width of the cabin	b ₉ (mm)	1430±10
Rotating reach carriage width	b ₁₀ (mm)	1400
Cantilever width	l ₆ (mm)	175
Distance from fork rotation pivot to fork carriage	r(mm)	150
Travel speed, laden/unladen	km/h	8.5/8.5
Lift speed, laden/unladen	mm/s	180/200
Lowering speed, laden/unladen	mm/s	260/240
Reach speed, laden/unladen	mm/s	190/200
Service brake	Regenerative	
Parking brake	Electromagnetic spring force	
Battery voltage, nominal capacity K5	V/Ah	80/560
Battery weight	kg	1480 (1450-1510)
Sound level at driver's ear according to EN12053	Db(A)	68

