SINOLIFT has given its popular OPSM Electric Order Picker, known as the Mini Order Picker, an update with available lithium-ion technology, enhancing driving pleasure and productivity. The new V-Force system gives the handy work assist vehicle almost unlimited endurance.

Manufacturer			SINOLIFT
Manufacturer's type designition			OPSM
Operator Type			Stand-on
Load capacity of loading Tray		kg(lbs)	90(220)
Load capacity of Loading dock		kg(lbs)	150(330)
Load capacity of cab		kg(lbs)	130(285)
Service weight		kg(lbs)	770(1700)
Wheelbase	У	mm(inch)	1147 (45'')
Axle loading, unladen front/rear		kg(lbs)	310(680)/445(980)
Tyres: solid rubber, super elastic, pneumatic, polyurethane			Polyurethane
Tyre size, front		mm(inch)	Φ180x50 (7"x2")
Tyre size, rear		mm(inch)	Ф250x60 (10"x2.36")
Wheels, number front/rear (x = driven wheels)			2/2x
Tread, front		mm(inch)	600 (24")
Tread, rear	-0-1	mm(inch)	690 (27'')
Height, mast lowered	h1	mm(inch)	1590 (62.6")
Lift	h3	mm(inch)	3665 (144'')
Height, mast extended	h4	mm(inch)	4255 (166'')
Seat height relating to SIP/stand height	h7	mm(inch)	335 (13")
Height drawbar in driving position min./max.	h14	mm(inch)	1120 (44")
Additional lift	h9	mm(inch)	1270 (50")
Stand height, elevated	h12	mm(inch)	3000 (118'')
Height, lowered		mm(inch)	1000 (40")
Overall length	11	mm(inch)	1500 (59")
Overall width	b1	mm(inch)	750 (29.5")
Ground clearance, centre of wheelbase		mm(inch)	66 (2.5")
Turning radius	Wa	mm(inch)	1300 (51")
Travel speed, laden/unladen		km/h (mph)	4.5 (2.8)
Travel speed, laden/unladen, backwards		km/h (mph)	4.5 (2.8)
Lift speed, laden/unladen		m/s (inch/s)	0.14/5.5"
Lowering speed, laden/unladen		m/s	0.13/5.1"
Max. gradeability, laden/unladen		%	5
Service brake			Electromagnetic
Drive motor rating S2 60 min		kW	0.5(DC) or 0.68(AC)
Lift motor rating at S3 15%		kW (hp)	2.2 (3)
Battery voltage/nominal capacity K5		V/Ah or kWh	24V/105Ah or 220kWh
Battery weight		kg (lbs)	26x2 (57x2)
Steering type			Electronic Steering
Sound pressure level at the driver's seat		dB (A)	70

The stable mast allows reachable heights of up to 5m, easy for picking-up or storage of items at 3rd rack level, price tags exchanged or ceiling upholster and light fixing.









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# Sinolift – For material handling



SINOLIFT OPSM is a revolutionary mobile productivity tool that enables one person to efficiently and safely do the work of two. It dramatically changes the way work is accomplished: eliminating time-consuming ups and downs, and minimizing the risks of using rolling ladders. Plus, it provides the unmatched ability to elevate and travel simultaneously in one smooth motion. Beyond easing work and boosting productivity, the OPSM delivers significant savings opportunity through greater efficiency, task flexibility, improved safety and lower total costs.

# **Major Advantages**

- This game-changing machine is designed with an advanced Ride-On operator type, ensuring optimum comfort and control for the operator during long working hours.
- The cutting-edge polyurethane wheels provide the smoothest and most stable movement possible, even when navigating through uneven surfaces and tight corners.
- The OPSM order picker has been engineered with the latest technology, enabling it to operate with utmost precision and accuracy.
- With a staggering load capacity of 90 kg (198 lbs) + 150 kg (330 lbs), you can easily move multiple items at once, saving valuable time and effort required to complete your order-picking tasks.
- The lifting height of 3000mm (118" inches) provides you with the convenience of reaching even the highest shelves with absolute ease, making this order picker the perfect addition to any warehouse.
- Weighing in at an impressive 770kg (1700 lbs), including the battery, the OPSM order picker is built to last, providing you with an unbeatable and long-lasting solution for all your order-picking needs.
- The 24V battery technology ensures extended use without the need for frequent recharging, allowing you to focus on your tasks without any interruptions.
- Invest in the OPSM order picker today and discover the ultimate efficiency and safety for your order-picking operations. Elevate your warehouse game to the next level and watch your productivity soar.











## LI-ION TECHNOLOGY **Option: Lithium-ion** battery

The vertical order picker OPSM can be equipped with 25.6V / 135Ah lithium-ion battery. Battery is completely maintenance-free, so there is no need of checking and refilling water. Charging time is just 2,5 hours. In-built Battery Management System (BMS) is responsible for constant checking parameters and managing battery - it provides much longer life of battery.



## UNIQUE CONSTRUCTION

The manufacturer design assumption, was to create a very light order picker (only 800 kg) with as compact size as possible – so it could be used in almost all working environments. In comparison to manual order pickers or ladders, the OPSM stand out with much more efficient and safer operation. and eliminate the need for heavier and larger equipment. Due to usage of 2 drive motors, turning radius is just 1300 mm.

### **Standard Specification** PU load wheel Safety Gate 24V/105AH GEL battery 24V/15A Integrated charger Keep the operator safe AC driving motor CURTIS controller Front blue lamp Drop buzzer Free accelerator lever (with sensor switch) Automatic deceleration at turns CURTIS instrument Emergency power o switch Safety pedal

## **Standing Pedal**

Dual foot pedal sensor



Side barriers

Back cushion

Electrostatic belt

Electromagnetic brake

- 135Ah Li-ion Battery
- 24V -30A integrated charger for Li-ion battery
- Chain switch
- Side barriers switch
- Rear-view mirror LED lamp

Tilt angle detection system

Alarm light Horn



Why choose the laborious and unsafe way to carry when there is a better solution?

- Chassis
- Controller
- Pumping station
- Maintenance-free batteries

The truck is compact and can easily pass through workshop aisles and low doors – making it suitable for retail, storage centres, libraries and other narrow spaces.

The spot light and buzzer to comply with the highest safety standard. the bright color design to reflect a fresh alamm working environment.

A wide platform provides a comfortable standing positon for the operator, with a non-slip floor mat fitted to reduce the risk of slipping.

The sturdy steel picking tray allows for quick and easy storage goods.









Emergency disconnector will cut off power source to avoid accident when truck loses control.

This stock picker has a comprehensive safety protection system, excellent ergonomics, and an advanced control system.

Compare with other competitors welded steelpipe on lifing mechanisms, the I-beam channel mast obtains higher stability.

Superelastic tyres provide a soft ride and allow for indoor/outdoor operation.