

WE PROMISE | WE DELIVER

NOBLELIFT
CANADA 

OPH01/01E Li

Electric Order Picker
Capacity 385KG/850lbs



Lithium
Battery

CAN-bus

CAN-bus



High
Performance



Easy
Maintenance



Highly Cost
Effective



ANSI



Productive. Solid. Smart.

OPH01/01E Li Electric Order Picker Capacity - 385KG - 850lbs

A compact, lithium-powered order picker built for efficiency, safety, and performance in modern warehouses. With its slim profile, intuitive controls, and zero-emission lithium battery, it's the ideal solution for pick-and-pack operations in narrow aisles. Designed for all-day reliability with minimal maintenance.

Highlights

- ✓ Lithium Battery (24V/80Ah)
- ✓ Compact & Ergonomic Design
- ✓ Enhanced Operator Safety & Visibility
- ✓ High Performance & Control
- ✓ Smart Display Panel



LCD display shows safety warnings, speed, steering angle and fault codes for easy operation and troubleshooting.



Keyless PIN code lock or RFID card access simplifies access when several users operate one truck.



Left and right multi-function handles can be customized and provide simultaneous lifting, traveling and steering. Handles are equipped with operator presence buttons to ensure safe operation.



Side lights and headlight provide excellent visibility to operator even in poor lighting conditions. Vehicle is also equipped with a buzzer, warning light, rear light and safety blue light.



360° Precision Maneuverability

The OPH01 features a unique 360° rotating function with a tight turning radius as small as 51 inches (1300mm) perfect for navigating narrow aisles and tight warehouse spaces. Powered by high-performance, low-noise Amer AC drive motors (Italy), the OPH01 delivers smooth and quiet operation, reaching designated locations quickly and efficiently.



Optimized Visibility with Adjustable Front Shelf



The adjustable front shelf height ensures clear visibility by preventing goods from obstructing the operator’s line of sight.

Speed Decelerations

As the platform lifts to its maximum height, the system automatically adjusts lift and drive speeds in three stages [0–20", 20"–59", and 59"–118"] to maintain optimal stability and operator safety. With a working height of up to 197" (5 meters), the OPH01 enables efficient material picking from the third rack level.



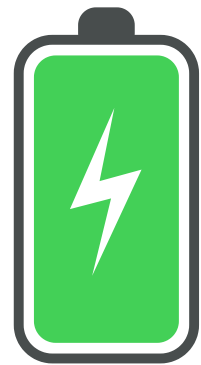
Travel Speed — Up to 5.5km/h ————— Up to 1.4km/h

Advantages of Lithium-ion Power

Effortless Charging for Continuous Operation

The fast-charging, maintenance-free lithium battery reaches a full charge in just 1-2 hours. It supports opportunity charging during breaks and shift changes, enabling the truck to operate seamlessly through multi-shift schedules without the need for battery replacements.

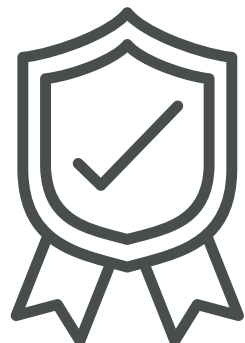
- ✓ 24V/80Ah Lithium-iron battery has connection terminals with screws and is protected inside the steel case.
- ✓ 24V/25h Charger included standard.



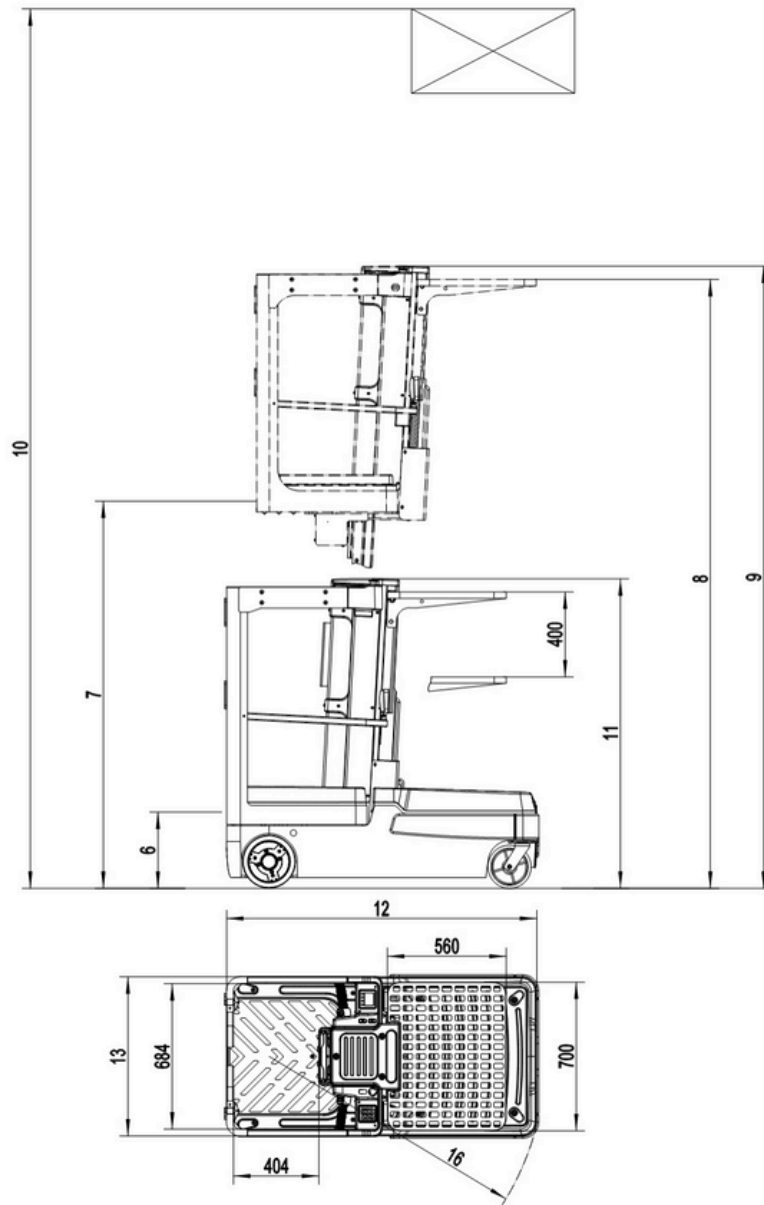
Designed for Operator Comfort and Control

Noblelift utilizes lithium-ion phosphate batteries, known for their exceptional longevity and safety. These lithium-iron batteries feature a Battery Management System (BMS), a thermal management system, and an automotive-grade DC high-voltage control system.

*OPH01/01E has a **2-year** on the lithium-ion battery cells.*



Identification				
1	Manufacturer		Noblelift	
2	Model		OPH 01	OPH 01E
3	Electrical system voltage		Battery	
	Platform	lb (kg)	297 (135)	
4	Load Capacity	Storage table	220 (100)	
		Battery panel	330(150)	
5	Service weight (incl. battery)	lb (kg)	1653 (750)	1521 (690)
6	Platform height (platform top edge to floor)	in (mm)	12.5 (318)	
Dimensions				
7	Platform lift	in (mm)	130.6 (3318)	
8	Storage panel top edge to floor, min	in (mm)	54.9 (1395)	
	Storage panel top edge to floor, max	in (mm)	172.8 (4390)	
9	Overall height	in (mm)	175.2 (4450)	
10	Maximum height	in (mm)	208.7 (5300)	
11	Minimum height	in (mm)	57.2 (1454)	
12	Overall length	in (mm)	57.5 (1460)	
13	Overall width	in (mm)	29.5 (750)	
14	Wheels, number front/rear (x=driven		2x +2	1x+2/2
15	Rear wheel (d x w)	in (mm)	9.8x3.1 (250x80)	10.1x3.1 (256x80)
	Front wheel (d x w)	in (mm)	8.0x2.2(203x56)	8.7x2.8 (220x70)
Performance				
16	Turning radius, min	in (mm)	51.2 (1300)	
17	Service brake		Regenerative	
18	Parking brake		Electric disengaged	
19	Gradeability, laden/unladen	%	5/8	
20	Travel speed, laden/unladen	mph (km/h)	3.42/3.42 (5.5/5.5)	
21	Lift speed, laden/unladen	fpm (m/s)	0.66/0.72 (0.2/0.22)	
22	Lowering speed, laden/unladen	fpm (m/s)	0.69/0.59 (0.21/0.18)	
Battery				
23	Maintenance-free battery (5h discharge rate)	V/Ah	24/200	24/106
		lb (kg)	4x72.8 (4x33)	2x77.2 (2x35)
	Energy consumption acc to VDI cycle	KWh/h	0.75	0.41
24	Li Batteries	V/Ah	24/100	24/60(100)
		lb (kg)	57.3 (26)	44.1(20)
25	Charger	Amp	30	12
	Charger (Li)	Amp	25	25
Motor				
26	Drive motor power	kW (HP)	0.5 (0.67)	0.65 (0.87)
27	Lift motor rating S3 10%	kW (HP)	2.2 (2.95)	
28	Storage panel lift motor power	kW (HP)	0.8 (1.09)	
Additional data				
29	Type of drive unit		AC speed control	
30	Sound pressure level at driver's seat	dB(A)	69	



Authorized Dealer

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