

ORDER PICKER

OPH10E/12EK

High Level Order Picker

NOBLELIFT

Built for better.

OVERVIEW

BUILT FOR BETTER.

The OPH series high-level order picker is built for fast, focused picking in tall, high-intensity warehouses. It lifts operators and loads up to 11.5 metres to reach the highest racks, with a 1,000–1,200kg capacity and integrated forklift functions so one machine can pick and place. A centrally positioned operating window and clear-visibility mast give an unobstructed view lifting or driving in either direction, while high-altitude stability and anti-slip traction control keep the operator confident and precise at height. Smart guidance systems help keep focus where it matters most.



Key Features

1



See everything, everywhere

A large upper-platform operating window and clear-visibility mast give an unobstructed view of the next picking location, even at height — with a centrally located window, unique in the industry, for clear sightlines lifting or driving in either direction.

2



Fast and sure at height

Outstanding lift, lowering and travel speeds combine with integrated forklift functions to get more done, while high-altitude stability and anti-slip traction control let operators position with confidence and focus on picking.

3



Built around the operator

Range of accessories and attachments adapt the truck to each operator's preferences and working conditions, improving comfort and efficiency across long shifts.

4



Smart, guided, safe

Intelligent guidance systems help operators stay focused during demanding picking work, keeping the working environment safe and the operation efficient.

5



Reaches the top racks

A three-stage full-free lift mast lifts to 6,000mm (OPH10E) or 11,500mm (OPH12EK), with a 1,000–1,200kg capacity for high-bay picking and put away.

6



Ready for long shifts

A 48V AC drive with electric steering and a Curtis controller delivers smooth, efficient operation, and a lithium battery keeps the truck running in high throughput environments.



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Visibility, Performance & Safety



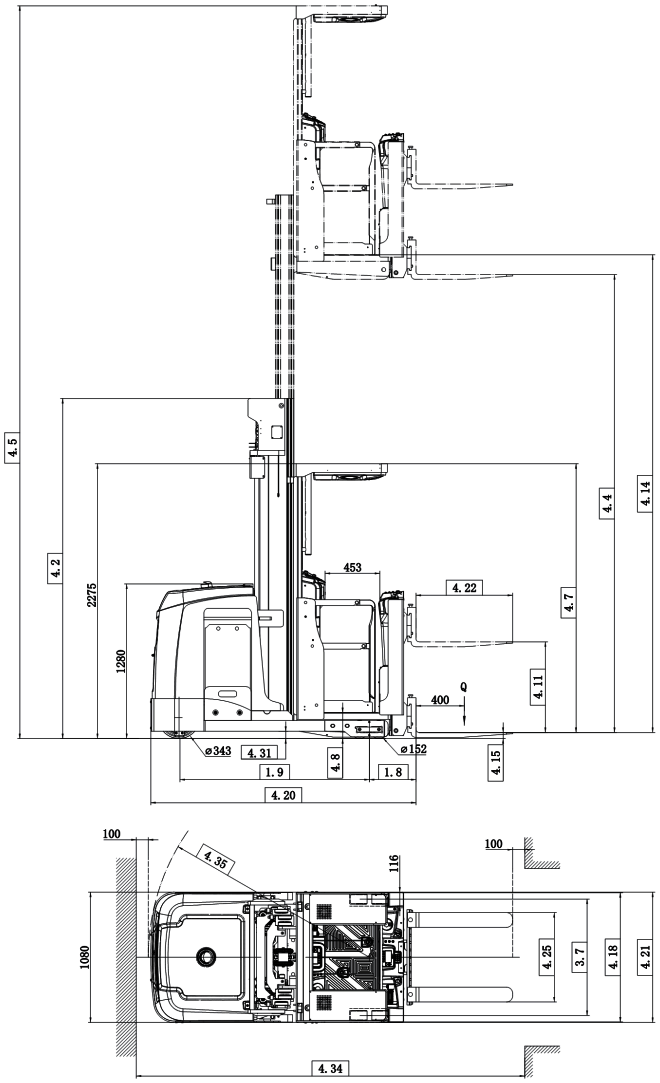
FEATURE	
Central operating window	A centrally positioned window gives unobstructed sightlines when lifting or driving in either direction.
Clear-visibility mast	The mast design keeps the next picking location in view, even at full height.
Platform work lights	Bright platform lighting helps operators pick accurately in dimly lit racking.
Operator controls	Ergonomic multi-function controls put lift, travel and steering within easy reach for quick, accurate response.
Anti-slip platform floor	A textured, anti-slip floor keeps operators secure on the platform at height.
Overhead guard	A full overhead guard protects the operator throughout high-level picking.
Anti-slip traction control	High-altitude stability and anti-slip traction control keep the truck planted for confident positioning.
Smart guidance system	Intelligent guidance helps operators stay focused, supporting a safer working environment.
Lithium battery	Lithium battery keeps the truck moving for long shifts and maximum uptime.

Type sheet acc. to VDI 2198

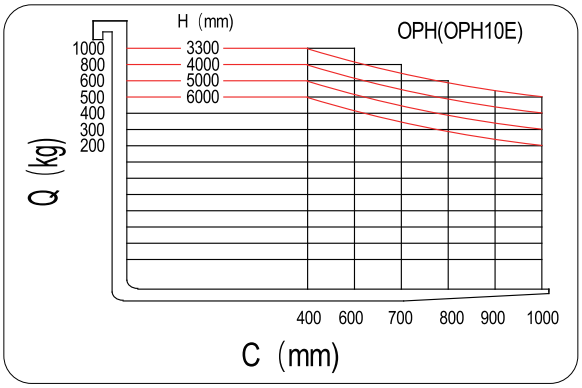
Identification			
Type designation		OPH10E	OPH12EK
Drive		Electric	electric
Operator type		order picker	order picker
Rated capacity	Q (kg)	1000	1200
Load centre	C (mm)	400	400
Load distance, centre of drive axle to fork	x (mm)	386	386
Wheelbase	y (mm)	1576	1576
Weights			
Service weight (with battery)	kg	3730 / 3760 / 3880	3910 / 3940 / 4060 / 4185 / 4395 / 4885
Tyres			
Tyres		polyurethane	polyurethane
Tyre size, front	mm	343 x 140	343 x 140
Tyre size, rear	mm	152 x 74	152 x 74
Wheels, number front / rear (x=driven)		1x/4	1x/4
Tread, front	b11 (mm)	/	/
Tread, rear	b10 (mm)	964	1304
Dimensions			
Height, mast lowered	h1 (mm)	2315 / 2415 / 2815	2315 / 2415 / 2815 / 3145 / 3815 / 5015
Free lift	h2 (mm)	40 / 140 / 540	40 / 140 / 540 / 870 / 1540 / 2740
Lift	h3 (mm)	4500 / 4800 / 6000	4500 / 4800 / 6000 / 7000 / 9000 / 11500
Height, mast extended	h4 (mm)	6775 / 7075 / 8275	6775 / 7075 / 8275 / 9275 / 11275 / 13775
Height of overhead guard (cabin)	h6 (mm)	2275	2275
Stand height	h7 (mm)	214	214
Additional lift	h9 (mm)	710	710
Stand height, elevated	h12 (mm)	4654 / 4954 / 6154	4654 / 4954 / 6154 / 7154 / 9154 / 11654
Height, lowered	h13 (mm)	60	60
Width of loading surface	b9 (mm)	1080	1420
Length to face of forks	l2 (mm)	2196	2196
Overall width	b1/b2 (mm)	1080 / 1080	1080 / 1420
Fork dimensions (standard)	s/e/l (mm)	40 x 122 x 800	40 x 122 x 800
Fork dimensions (optional length)	mm	800 / 1200	800 / 1200
Fork-carriage width	b3 (mm)	790	790
Fork spread	b5 (mm)	244-740	244-740
Width across guide rolls (6.5 mm increments)	b6 (mm)	/	/
Ground clearance, laden, below mast	m1 (mm)	55	55
Aisle width, minimum	Ast (mm)	1300	1620
Aisle width for pallets 1000×1200 crossways	Ast (mm)	1400	1620
Aisle width for pallets 800×1200 lengthways	Ast (mm)	1300	1620
Turning radius	Wa (mm)	1830	1830
Performance Data			
Travel speed, laden / unladen	km/h	9	9
Lift speed, laden / unladen	m/s	0.15 / 0.23	0.15 / 0.23
Lowering speed, laden / unladen	m/s	0.30 / 0.30	0.30 / 0.30
Service brake		electromagnetic, regenerative	electromagnetic, regenerative
Electric Engine			
Drive motor rating S2 60 min	kW	3.9	3.9
Lift motor rating at S3 15%	(V)(kW)	48V / 8.2	48V / 8.2
Battery dimensions, maximum	lxwxh (mm)	374 x 975 x 785	374 x 975 x 785
Battery voltage / nominal capacity K5, Li K2	(V)(Ah)	48V/420, 48V/400 Li	48V/420, 48V/400 Li
Battery weight, minimum	kg	810	810
Other			
Type of drive unit		AC	AC

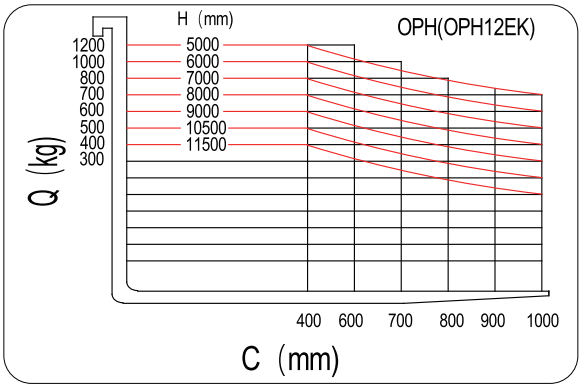
Values separated by " / " are the available mast options; they correspond position-by-position to the lift heights in row 4.4.

Structure diagram



Load curve diagram







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LITHIUM BATTERY

LONG LASTING AND SAFE LITHIUM POWER.

NOBLELIFT uses LiFePO4 chemistry — the longest-lasting and safest lithium battery chemistry available. Every battery is equipped with a Battery Management System (BMS), a thermal management system, and an intelligent control system. The BMS monitors all charging and discharging data to keep the battery safe throughout its life cycle.

Our lithium battery packs are backed by a 5-year / 10,000 hour warranty.

Advantages of Lithium Power

	LEAD-ACID BATTERY	LITHIUM BATTERY
PRODUCTIVITY	Lower fleet availability — work is interrupted because the battery must be fully charged before next use.	100% fleet availability — opportunity charging tops the battery up between use.
SERVICE LIFE	Periodic battery replacement.	Lasts up to 3 times longer and doesn't need replacing.
ONGOING MAINTENANCE	Outsourced or in-house maintenance personnel required.	No maintenance cost.
CHARGE DURATION	8–10 hours — 2 or more batteries per machine.	2–3 hours — 1 battery per machine.
BATTERY ROOM	Requires an expensive, ventilated battery room.	No battery room needed.
SAFETY	Releases hydrogen while charging (explosion risk); acid burns possible during maintenance.	No dangerous substances.
POWER SAVINGS	Power loss.	No power loss — reduces energy consumption by up to 35%.



NOBLELIFT
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SERVICING, PARTS & SUPPORT.

At Noblelift, we understand that reliable servicing and maintenance are essential to keeping your operation running smoothly. That's why we offer comprehensive support tailored to the needs of your Noblelift fleet. With our commitment to excellence and customer satisfaction, you can trust us to keep your equipment operating at peak performance.

Through our nationwide New Zealand network we can provide:

NATIONAL TECHNICAL SUPPORT

Help by phone or on site, nationwide.

FULLY STOCKED PARTS

Genuine parts held in stock across NZ.

MAINTENANCE & SERVICE CONTRACTS

Flexible plans built around your operation.

DEDICATED SERVICE TEAM

Factory-trained technicians with the product knowledge and diagnostic tools to keep your fleet running.

GENUINE PARTS & ACCESSORIES

A full inventory of genuine Noblelift parts, ready when you need them.

BACK-UP MACHINERY

A rental and support fleet on standby to keep you moving through any downtime.

CUSTOMER TRAINING & SUPPORT

Hands-on operator and maintenance training so your team works safely and efficiently.

SCHEDULED MAINTENANCE PROGRAMS

Proactive, tailored servicing that catches issues early and prevents costly breakdowns.

24/7 EMERGENCY SUPPORT

Round-the-clock help to get you back up and running fast.



NOBLELIFT

Built for better.

Talk to our team for sales and enquires

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Noblelift New Zealand.