

ORDER PICKER

OPH 12/12K

Electric High Level Order Picker

NOBLELIFT

Built for better.

OVERVIEW

BUILT FOR BETTER.

The OPH12/12K lifts operators and loads to serious heights — up to 11.5 metres. Making light work of picking from the top racks in high-bay warehouses. With a 1,200kg capacity and 360° in-situ steering, it turns within its own footprint and works in aisles as narrow as 1,300mm, reaching places larger trucks can't. A high-precision steel mast and imported channel-steel chassis keep it rock-steady at full height, while real-time speed and height management keep the operator safe and in control all the way up.



Key Features



FEATURE	
360° in-situ steering	Turns within its own footprint on either chassis size, with a 1,830mm turning radius and a minimum aisle width of just 1,300mm — for confident manoeuvring in the tightest high-bay aisles.
Rock-solid at full height	The mast is crafted from high-strength, high-precision steel sections, with a gap-compensation design that keeps it stable and precise even at full extension.
Built to last	Constructed from imported channel steel and available in two widths (1,080mm / 1,420mm); the wide chassis reaches a higher pick-up area, for a maximum picking height of up to 11.5m.
Safe at height	(Safety Assured for High-Level Tasks) — Speed reduces automatically at turns and at height (5–9 km/h low, under 5 km/h up high), a self-retracting fall limiter and safety belt protect the operator, and an auto pallet-locking device clamps stringers from 32–150mm to stabilise the load — all managed in real time to suit the truck's current state.



NOBLELIFT

Built for better.

Visibility, Performance & Safety



Multi-function handle

Strikes a balance between safety and functionality, with every control within easy reach.



LED screen

A high-quality display shows lifting weight, height, speed, power, steering, fault codes and alarms at a glance.



High-performance drivetrain

AC drive, high-performance motors and an imported gearbox, tuned for high-rack work — efficient and low on energy.



Platform and rack lights

Fitted for easy, accurate retrieval of goods in dimly lit areas.



Platform fan

A high-power platform fan keeps operators comfortable in high temperatures.



Safety lights and buzzer

Warning lights, buzzer and a blue safety light keep people aware of the truck.



Smart start

A PIN-code panel with RFID card access secures the truck and simplifies use across operators.



Headlights

For confident driving at night and in dark areas.

Type sheet acc. to VDI 2198 — OPH12 (2025.02.20)

Identification			
Type designation		OPH12	OPH12
Drive		electric	electric
Operator type		order picker	order picker
Rated capacity	Q (kg)	1200	1200
Load centre	C (mm)	600	600
Load distance, centre of drive axle to fork	x (mm)	175	175
Wheelbase	y (mm)	1576	1576
Weights			
Service weight (with battery)	kg	3610 / 3640 / 3760	3610 / 3640 / 3760
Axle loading, laden front / rear	kg	1360/3450 / 1367/3473 / 1438/3522	1360/3450 / 1367/3473 / 1438/3522
Axle loading, unladen front / rear	kg	2075/1535 / 2089/1552 / 2165/1595	2075/1535 / 2088/1552 / 2165/1595
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)	954	964
Dimensions			
Height, mast lowered	h1 (mm)	2315 / 2415 / 2815	2315 / 2415 / 2815
Lift	h3 (mm)	4500 / 4800 / 6000	4500 / 4800 / 6000
Height, mast extended	h4 (mm)	6715 / 7015 / 8215	6715 / 7015 / 8215
Height of overhead guard (cabin)	h6 (mm)	2275	2275
Stand height	h7 (mm)	214	214
Additional lift	h9 (mm)	710	/
Stand height, elevated	h12 (mm)	4654 / 4954 / 6154	4654 / 4954 / 6154
Height, lowered	h13 (mm)	60	60
Width of loading surface	b9 (mm)	1070	1070
Length to face of forks	l2 (mm)	1985	1985
Overall width	b1/b2 (mm)	1080 / 1070	1080 / 1070
Fork dimensions (standard)	s/e/l (mm)	50 x 100 x 1070	50 x 100 x 1070
Fork dimensions (optional length)	mm	760 / 915 / 990 / 1070 / 1200	760 / 915 / 990 / 1070 / 1220
Fork-carriage width	b3 (mm)	/	/
Fork spread	b5 (mm)	610-790	610-790
Width across guide rolls (6.5 mm increments)	b6 (mm)	/	/
Ground clearance, laden, below mast	m1 (mm)	60	60
Aisle width, minimum	Ast (mm)	1300	1300
Aisle width for pallets 1000×1200 crossways	Ast (mm)	1400	1400
Aisle width for pallets 800×1200 lengthways	Ast (mm)	1300	1300
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)	24V / 6.4	24V / 6.4
Battery dimensions, maximum	lxwxh (mm)	374 x 975 x 785	374 x 975 x 785
Battery voltage / nominal capacity K5	(V)(Ah)	24V/1000, 24V/560 Li	24V/560 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.

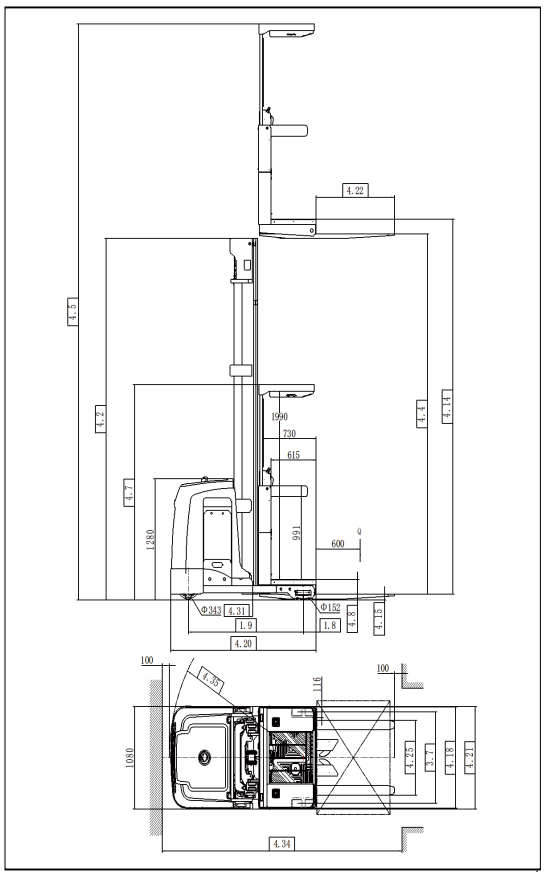
NOBLELIFT
Built for better.

Type sheet acc. to VDI 2198 — OPH12K (2024.02.20)

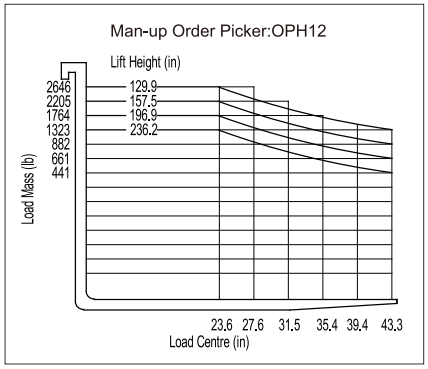
Identification		
Type designation		OPH12K
Drive		electric
Operator type		order picker
Rated capacity	Q (kg)	1200
Load centre	C (mm)	600
Load distance, centre of drive axle to fork	x (mm)	175
Wheelbase	y (mm)	1576
Weights		
Service weight (with battery)	kg	3790 / 3820 / 3940 / 4065 / 4170 / 4275 / 4660 / 4710 / 4765
Axle loading, laden front / rear	kg	1410/3580 / 1424/3596 / 1490/3650 / 1550/3715 / 1595/3775 / 1650/3825 / 1765/4095 / 1778/4132 / 1795/4170
Axle loading, unladen front / rear	kg	2178/1612 / 2190/1630 / 2245/1695 / 2250/1815 / 2330/1840 / 2410/1865 / 2625/2035 / 2654/2056 / 2685/2080
Tyres		
Tyres		polyurethane
Tyre size, front	mm	343 x 140
Tyre size, rear	mm	152 x 74
Wheels, number front / rear (x=driven)		1x/4
Tread, front	b11 (mm)	/
Tread, rear	b10 (mm)	1304
Dimensions		
Height, mast lowered	h1 (mm)	2315 / 2415 / 2815 / 3145 / 3481 / 3815 / 4515 / 4845 / 5015
Lift	h3 (mm)	4500 / 4800 / 6000 / 7000 / 8000 / 9000 / 10000 / 11000 / 11500
Height, mast extended	h4 (mm)	6715 / 7015 / 8215 / 9215 / 10215 / 11215 / 12275 / 13275 / 13775
Height of overhead guard (cabin)	h6 (mm)	2275
Stand height	h7 (mm)	214
Additional lift	h9 (mm)	/
Stand height, elevated	h12 (mm)	4654 / 4954 / 6154 / 7154 / 8154 / 9154 / 10154 / 11154 / 11654
Height, lowered	h13 (mm)	60
Width of loading surface	b9 (mm)	1420
Length to face of forks	l2 (mm)	1985
Overall width	b1/b2 (mm)	1080 / 1420
Fork dimensions (standard)	s/e/l (mm)	50 x 100 x 1070
Fork dimensions (optional length)	mm	760 / 915 / 990 / 1070 / 1220
Fork-carriage width	b3 (mm)	/
Fork spread	b5 (mm)	610-790
Width across guide rolls (6.5 mm increments)	b6 (mm)	/
Ground clearance, laden, below mast	m1 (mm)	60
Aisle width, minimum	Ast (mm)	1620
Aisle width for pallets 1000×1200 crossways	Ast (mm)	1620
Aisle width for pallets 800×1200 lengthways	Ast (mm)	1620
Turning radius	Wa (mm)	1830
Performance Data		
Travel speed, laden / unladen	km/h	9
Lift speed, laden / unladen	m/s	0.15 / 0.23
Lowering speed, laden / unladen	m/s	0.30 / 0.30
Service brake		electromagnetic, regenerative
Electric Engine		
Drive motor rating S2 60 min	kW	3.9
Lift motor rating at S3 15%	(V)(kW)	24V / 6.4, 48V / 8.2
Battery dimensions, maximum	lxwxh (mm)	374 x 975 x 785
Battery voltage / nominal capacity K5	(V)(Ah)	24V/560 Li, 48V/400 Li
Battery weight, minimum	kg	810
Other		
Type of drive unit		AC

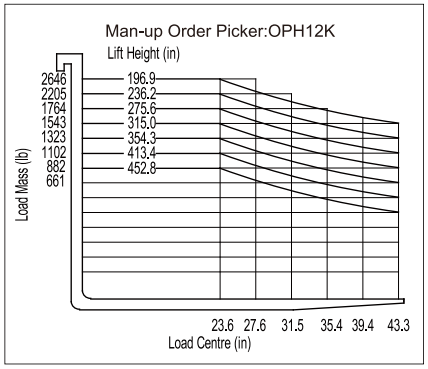
Values separated by " / " are the available mast options; they correspond position-by-position to the lift heights in row 4.4.

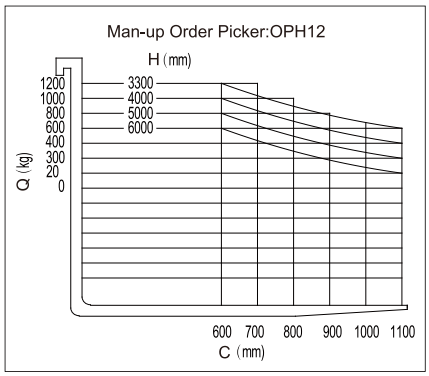
Structure diagram

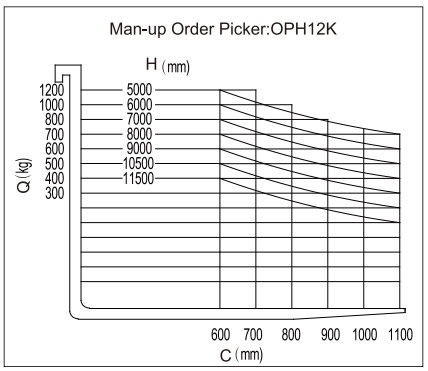


Load curve diagram











NOBLELIFT
Built for better.



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
Built for better.

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

enquiries@noblelift.nz

09 956 5992

Noblelift New Zealand.