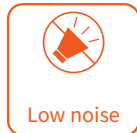


OPH12/OPH12K

Electric Order Picker

As e-commerce continues to surge in popularity and businesses embrace just-in-time inventory practices, order picking has become an integral part of daily operations in the warehousing industry. In order to meet the needs of customers with different high storage racks, Noblift has developed an electric order picker OPH12/OPH12K with a compact and ergonomic design, high performance AC drive, high capacity battery.





Top notch configuration as standard

- Multi-functional handle, striking a perfect balance between safety and functionality.
- High-quality LED screen: lifting weight, lifting height, speed, power, steering, fault code, alarm and other information all at a glance.
- Highly configured core components: enhancing efficiency, minimizing energy consumption. featuring AC drive, high-performance motors, imported gearbox, control programs tailored for high racks, satisfying various working conditions.
- Platform and rack lights are fitted as standard for easy retrieval of goods in dimly lit areas.
- Standard high-power platform fan keeps operators comfortable in high temperatures.
- Standard safety warning lights; buzzer; blue light for a safe driving.



Optional

- Smart start: optional PIN-code panel with RFID card access.
- Headlights for driving at night and in dark places.
- Large-capacity battery, maximum battery capacity 24V/1000Ah; optional lithium battery, to meet the daily work of most of the warehouses.



Safety Assured for High-Level Tasks



Speed reduction at turns

Speed reduction at turns helps to ensure better maneuverability especially at high speed mode.

Pallet-locking

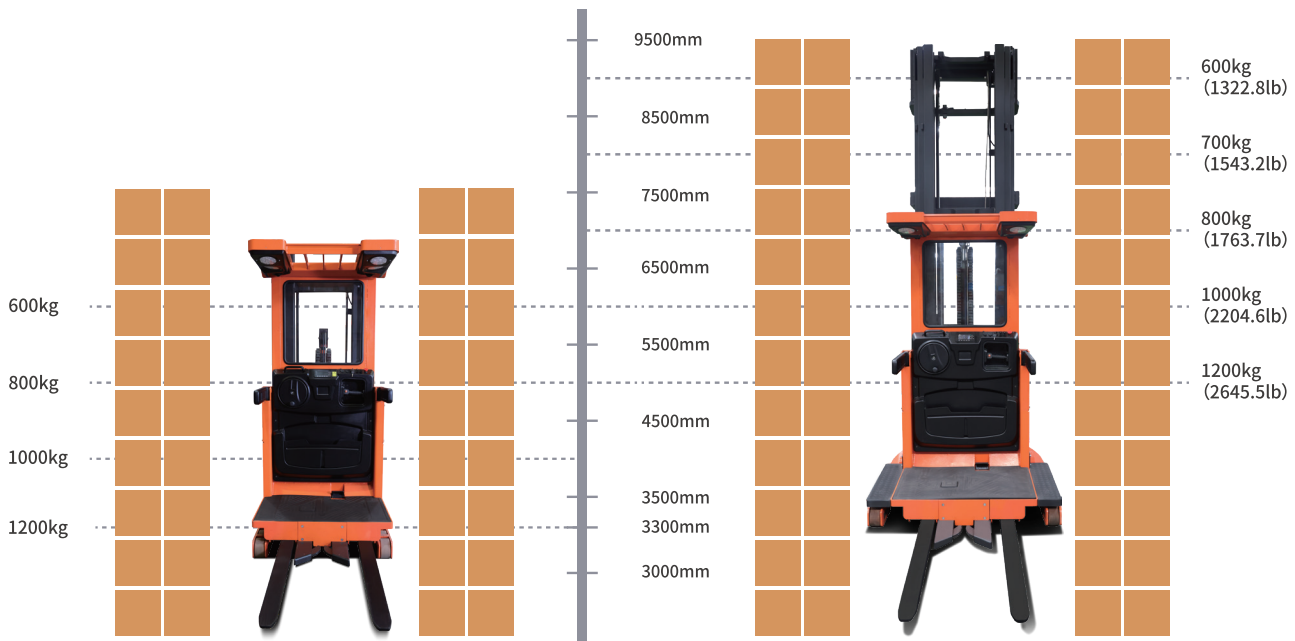
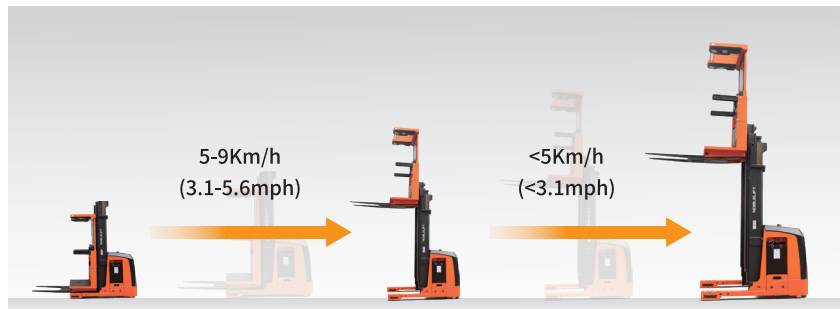
Auto Pallet-locking Device - capable of securely clamping pallet stringers ranging from 32 mm(1.25in) to 150mm(5.9in), providing instant load stabilization and significantly boosting load handling speed.

Safety device

Equipped with self-retracting fall limiter and safety belt, which provides good protection for operator.

Real-time dynamic adjustment of key parameters on basis of the truck's current state

- 1.Load linkage system:Intelligently Controls MAX.height.
- 2.Load linkage system:Intelligently Controls MAX.speed.



OPH12

OPH12k

Easy to operate, flexible and swift.

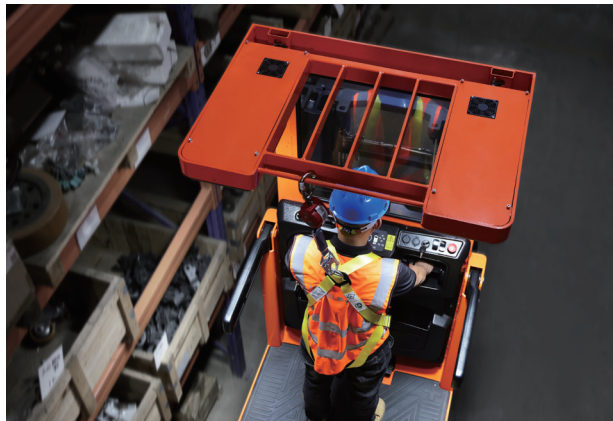


Type: OPH12
 Load Capacity: 1200kg/2646lb
 Max Lift Height: 6000mm/236.2in
 Max Mast extended height:
 8215mm/323.4in

Type: OPH12K
 Load Capacity: 1200kg/2646lb
 Max Lift Height: 9000mm/354.3in
 Max Mast extended height:
 11215mm/441.5in

360° in-situ steering available with both chassis sizes,
 Min. Turning radius only **1830mm**
 Min. aisle width **1300mm**

Unrivalled Stability

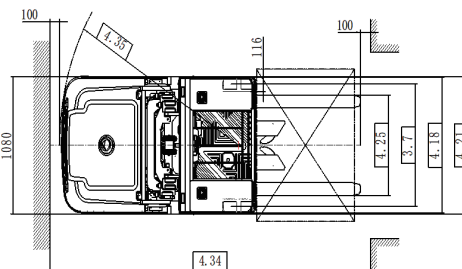
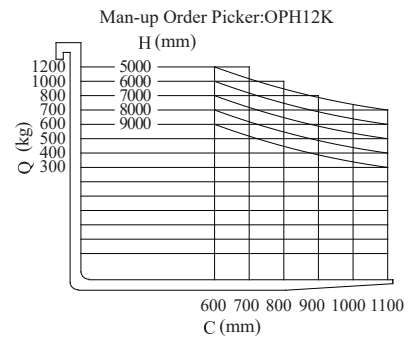
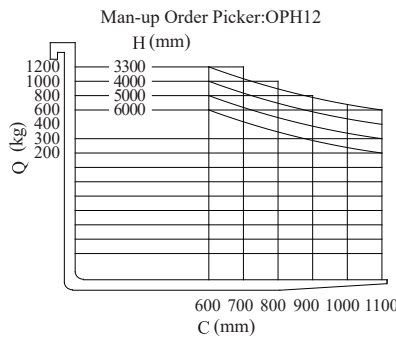
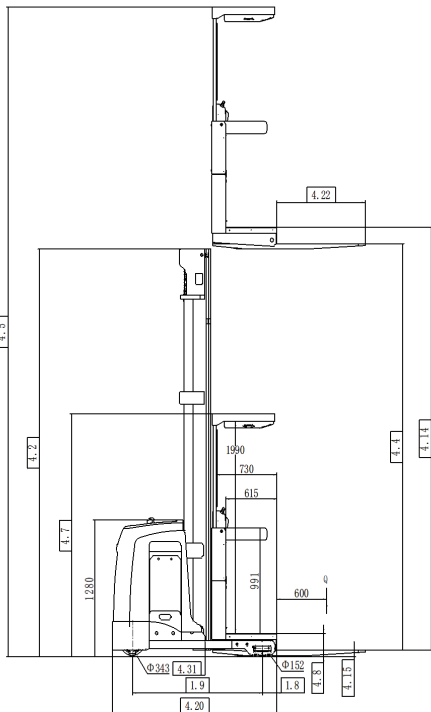


Mast Durability

The mast mechanism is crafted from high-strength and high-precision steel sections, and the excellent gap compensation structure design ensures the stability of the mast operation.

Robust Chassis

The entire model range is constructed using imported channel steel. The chassis is available in two widths, 1080mm (42.5in) and 1420mm (55.9in), and the wide chassis allows the platform to reach a higher pick-up area, with a maximum picking height of up to 9 meters (354.3in).



Type sheet for industrial truck acc. to VDI 2198

General

1.1	Manufacturer		NOBLELIFT		
1.2	Type designation		OPH12		
1.3	Drive		electric		
1.4	Operator type		order picker		
1.5	Rated capacity	Q (kg)	1200		
1.6	Load centre	C (mm)	600		
1.8	Load distance, centre of drive axle to fork	x (mm)	175		
1.9	Wheelbase	y (mm)	1576		

Weight

2.1	Service weight (with battery)	kg	3610	3640	3760
2.2	Axle loading, laden front/ rear	kg	1360/3450	1367/3473	1438/3522
2.3	Axle loading, unladen front/ rear	kg	2075/1535	2088/1552	2165/1595

Tyres

3.1	Tyres		polyurethane		
3.2	Tyre size, front	mm	343X140		
3.3	Tyre size, rear	mm	152X74		
3.5	Wheels, number front/ rear (x=driven wheels)		1x/4		
3.6	Tread, front	b11 (mm)	/		
3.7	Tread, rear	b10 (mm)	964		

Dimensions

4.2	Height, mast lowered	h1 (mm)	2315	2415	2815
4.4	Lift	h3 (mm)	4500	4800	6000
4.5	Height, mast extended	h4 (mm)	6715	7015	8215
4.7	Height of overhead guard (cabin)	h6 (mm)	2275		
4.8	Stand height	h7 (mm)	214		
4.11	Additional Lift	h9 (mm)	/		
4.14	Stand height, elevated	h12 (mm)	4654	4954	6154
4.15	Height, lowered	h13 (mm)	60		
4.18	Width of loading surface	b9 (mm)	1070		
4.20	Length to face of forks	l2 (mm)	1985		
4.21	Overall width	b1/b2 (mm)	1080/1070		
4.22	Fork dimensions (standard)	s/ e/ l (mm)	50X100X1070		
	Fork dimensions (optional length)	mm	760/915/990/1070/1220		
4.24	Fork-carriage width	b3 (mm)	/		
4.25	Fork spread	b5 (mm)	610-790		
4.27	Width across guide rolls, in 6.5 mm increments	b6 (mm)	/		
4.31	Ground clearance, laden, below mast	m1 (mm)	60		
4.34	Aisle width, minimum	Ast (mm)	1300		
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast (mm)	1400		
4.34.2	Aisle width for pallets 800×1200 lengthways	Ast (mm)	1300		
4.35	Turning radius	Wa (mm)	1830		

Performance

5.1	Travel speed, laden/ unladen	km/h	9		
5.2	Lift speed, laden/ unladen	m/s	0.15/0.23		
5.3	Lowering speed, laden/ unladen	m/s	0.30/0.30		
5.10	Service brake		electromagnetic, regenerative		

Electric-engine

6.1	Drive motor rating S2 60min	kW	3.9		
6.2	Lift motor rating at S3 15%	(V)/(Kw)	24V/6.4		
6.3	Battery dimensions, maximum	lxwxh (mm)	374 x 975 x 785		
6.4	Battery voltage/ nominal capacity K5	(V)/(Ah)	24V/1000		
6.5	Battery weight, minimum	kg	810		

Other Details

8.1	Type of drive unit		AC		
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Type sheet for industrial truck acc. to VDI 2198

General

1.1	Manufacturer		NOBLELIFT					
1.2	Type designation		OPH12K					
1.3	Drive		electric					
1.4	Operator type		order picker					
1.5	Rated capacity	Q (kg)	1200					
1.6	Load centre	C (mm)	600					
1.8	Load distance, centre of drive axle to fork	x (mm)	175					
1.9	Wheelbase	y (mm)	1576					

Weight

2.1	Service weight (with battery)		3790	3820	3940	4065	4170	4275
2.2	Axle loading, laden front/ rear		1410/3580	1424/3596	1490/3650	1550/3715	1595/3775	1650/3825
2.3	Axle loading, unladen front/ rear		2178/1612	2190/1630	2245/1695	2250/1815	2330/1840	2410/1865

Tyres

3.1	Tyres		polyurethane					
3.2	Tyre size, front	mm	343X140					
3.3	Tyre size, rear	mm	152X74					
3.5	Wheels, number front/ rear (x=driven wheels)		1x/4					
3.6	Tread, front	b11 (mm)	/					
3.7	Tread, rear	b10 (mm)	1304					

Dimensions

4.2	Height, mast lowered	h1 (mm)	2315	2415	2815	3145	3481	3815
4.4	Lift	h3 (mm)	4500	4800	6000	7000	8000	9000
4.5	Height, mast extended	h4 (mm)	6715	7015	8215	9215	10215	11215
4.7	Height of overhead guard (cabin)	h6 (mm)	2275					
4.8	Stand height	h7 (mm)	214					
4.11	Additional Lift	h9 (mm)	/					
4.14	Stand height, elevated	h12 (mm)	4654	4954	6154	7154	8154	9154
4.15	Height, lowered	h13 (mm)	60					
4.18	Width of loading surface	b9 (mm)	1420					
4.20	Length to face of forks	l2 (mm)	1985					
4.21	Overall width	b1/b2 (mm)	1080/1420					
4.22	Fork dimensions (standard)	s/ e/ l (mm)	50X100X1070					
	Fork dimensions (optional length)	mm	760/915/990/1070/1220					
4.24	Fork-carriage width	b3 (mm)	/					
4.25	Fork spread	b5 (mm)	610-790					
4.27	Width across guide rolls, in 6.5 mm increments	b6 (mm)	/					
4.31	Ground clearance, laden, below mast	m1 (mm)	60					
4.34	Aisle width, minimum	Ast (mm)	1620					
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast (mm)	1620					
4.34.2	Aisle width for pallets 800×1200 lengthways	Ast (mm)	1620					
4.35	Turning radius	Wa (mm)	1830					

Performance

5.1	Travel speed, laden/ unladen	km/h	9					
5.2	Lift speed, laden/ unladen	m/s	0.15/0.23					
5.3	Lowering speed, laden/ unladen	m/s	0.30/0.30					
5.10	Service brake		electromagnetic, regenerative					

Electric-engine

6.1	Drive motor rating S2 60min	kW	3.9					
6.2	Lift motor rating at S3 15%	(V)/(Kw)	24V/6.4					
			48V/8.2					
6.3	Battery dimensions, maximum	lxwxh (mm)	374 x 975 x 785					
6.4	Battery voltage/ nominal capacity K5	(V)/(Ah)	24V/1000,48V/420					
6.5	Battery weight, minimum	kg	810					

Other Details

8.1	Type of drive unit		AC					
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