

NOBLELIFT

www.noblelift.com

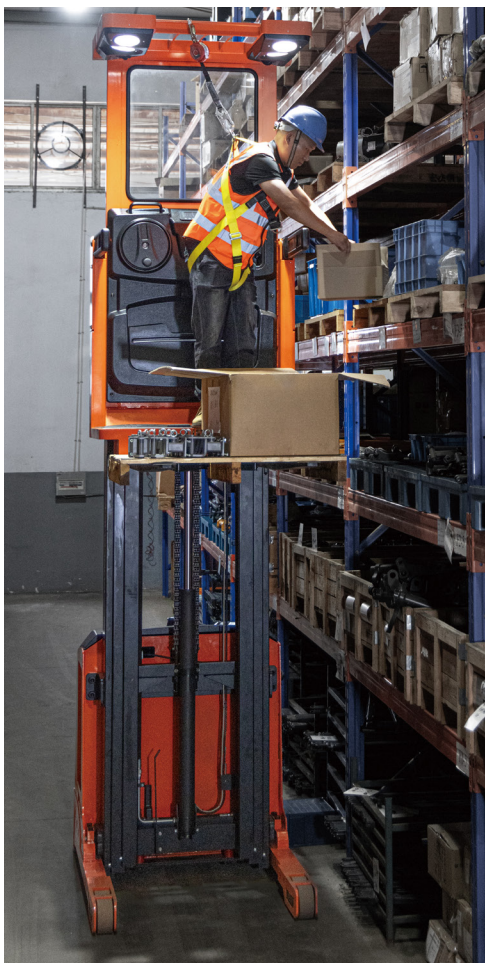
OPH12
OPH12K

Electric Order Picker



NOBLELIFT INTELLIGENT EQUIPMENT CO., LTD.

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

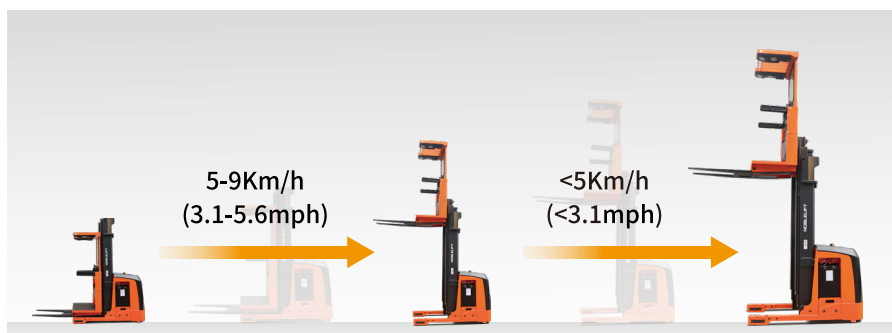
Auto Pallet-locking Device - capable of securely clamping pallet stringers ranging from 32 mm(1.25in) to 150mm(5.9in), providing instant load stabilization and significantly boosting load handling speed.

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.



Easy to operate, flexible and swift.



Type:OPH12

Load Capacity:1200kg/2646lb

Max Lift Height:6000mm/236.2in

Max Mast extended height:
8275mm/325.8in

Type:OPH12K

Load Capacity:1200kg/2646lb

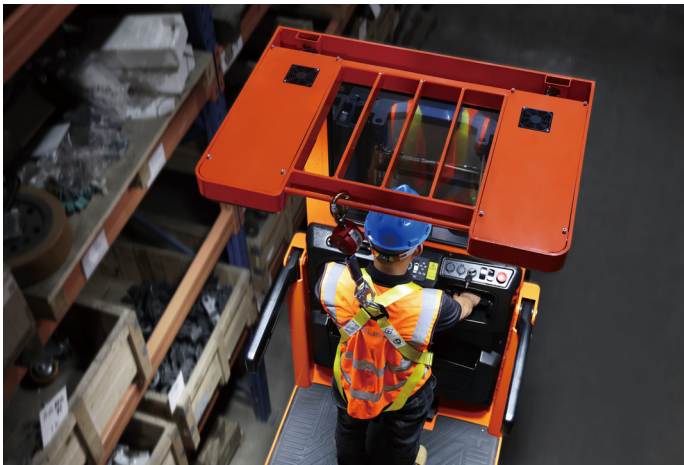
Max Lift Height:11500mm/452.8in

Max Mast extended height:
13775mm/542.3in

360° in-situ steering available with both chassis sizes,
Min. Turning radius only **1830mm/72in**
Min. aisle width **1300mm/51.2in**



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 11.5 meters (452.8in).



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.



General

1.1	Manufacturer		NOBLELIFT					
1.2	Type designation		OPH12			OPH12		
1.3	Drive		electric			electric		
1.4	Operator type		order picker			order picker		
1.5	Rated capacity	Q (kg / lb)	1200			2646		
1.6	Load centre	C (mm / in)	600			23.6		
1.8	Load distance, centre of drive axle to fork	x (mm / in)	175			6.9		
1.9	Wheelbase	y (mm / in)	1576			62		

Weight

2.1	Service weight (with battery)	kg / lb	3610	3640	3760	7959	8025	8289
2.2	Axle loading, laden front/ rear	kg / lb	1360/3450	1367/3473	1438/3522	3000/7605	3014/7657	3170/7765
2.3	Axle loading, unladen front/ rear	kg / lb	2075/1535	2088/1552	2165/1595	4575/3384	4603/3422	4773/3516

Tyres

3.1	Tyres		polyurethane			polyurethane		
3.2	Tyre size, front	mm / in	343X140			13.5 x 5.5		
3.3	Tyre size, rear	mm / in	152X74			6x2.9		
3.5	Wheels, number front/ rear (x=driven wheels)		1x/4			1x/4		
3.6	Tread, front	b11 (mm / in)	/			/		
3.7	Tread, rear	b10 (mm / in)	964			38		

Dimensions

4.2	Height, mast lowered	h1 (mm / in)	2315	2415	2815	91.1	95.1	110.8
4.4	Lift	h3 (mm / in)	4500	4800	6000	177.2	189	236.2
4.5	Height, mast extended	h4 (mm / in)	6715	7015	8215	264.4	276.2	323.4
4.7	Height of overhead guard (cabin)	h6 (mm / in)	2275			89.6		
4.8	Stand height	h7 (mm / in)	214			8.4		
4.11	Additional Lift	h9 (mm / in)	/			/		
4.14	Stand height, elevated	h12 (mm / in)	4654	4954	6154	183.2	195	242.3
4.15	Height, lowered	h13 (mm / in)	60			2.4		
4.18	Width of loading surface	b9 (mm / in)	1070			42.1		
4.20	Length to face of forks	l2 (mm / in)	1985			78.1		
4.21	Overall width	b1/b2 (mm / in)	1080/1070			42.5/42.1		
4.22	Fork dimensions (standard)	s/ e/ l (mm / in)	50X100X1070			2X3.9X42.1		
	Fork dimensions (optional length)	mm / in	760/915/990/1070/1220			29.9/36/39/42.1/48		
4.24	Fork-carriage width	b3 (mm / in)	/			/		
4.25	Fork spread	b5 (mm / in)	610-790			24-31.1		
4.27	Width across guide rolls, in 6.5 mm increments	b6 (mm / in)	/			/		
4.31	Ground clearance, laden, below mast	m1 (mm / in)	60			2.4		
4.34	Aisle width, minimum	Ast (mm / in)	1300			51.2		
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast (mm / in)	1400			55.1		
4.34.2	Aisle width for pallets 800×1200 lengthways	Ast (mm / in)	1300			51.2		
4.35	Turning radius	Wa (mm / in)	1830			72		

Performance

5.1	Travel speed, laden/ unladen	km/h / mph	9			5.6		
5.2	Lift speed, laden/ unladen	m/s / fps	0.15/0.23			0.49/0.75		
5.3	Lowering speed, laden/ unladen	m/s / fps	0.30/0.30			0.98/0.98		
5.10	Service brake		electromagnetic, regenerative			electromagnetic, regenerative		

Electric-engine

6.1	Drive motor rating S2 60min	kW	3.9			3.9		
6.2	Lift motor rating at S3 15%	(V)/(Kw)	24V/6.4			24V/6.4		
6.3	Battery dimensions, maximum	lxwxh (in)	374 x 975 x 785			14.7 x 38.4 x 30.9		
6.4	Battery voltage/ nominal capacity K5	(V)/(Ah)	24V/1000,24V/560 Li			24V/1000,24V/560 Li		
6.5	Battery weight, minimum	kg / lb	810			1786		

Other Details

8.1	Type of drive unit		AC			AC		
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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

2.1	Service weight (with battery)		3790	3820	3940	4065	4170	4275	4660	4710	4765
2.2	Axle loading, laden front/ rear		1410/3580	1424/3596	1490/3650	1550/3715	1595/3775	1650/3825	1765/4095	1778/4132	1795/4170
2.3	Axle loading, unladen front/ rear		2178/1612	2190/1630	2245/1695	2250/1815	2330/1840	2410/1865	2625/2035	2654/2056	2685/2080

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

4.2	Height, mast lowered	h1 (mm)	2315	2415	2815	3145	3481	3815	4515	4845	5015
4.4	Lift	h3 (mm)	4500	4800	6000	7000	8000	9000	10000	11000	11500
4.5	Height, mast extended	h4 (mm)	6715	7015	8215	9215	10215	11215	12275	13275	13775
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	10154	11154	11654
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								

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

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

8.1	Type of drive unit	AC
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1.1	Manufacturer		NOBLELIFT
1.2	Type designation		OPH12K
1.3	Drive		electric
1.4	Operator type		order picker
1.5	Rated capacity	Q (lb)	2646
1.6	Load centre	C (in)	23.6
1.8	Load distance, centre of drive axle to fork	x (in)	6.9
1.9	Wheelbase	y (in)	62

2.1	Service weight (with battery)	lb	8356	8422	8686	8962	9193	9425	10274	10384	10505
2.2	Axle loading, laden front/ rear	lb	3110/7892	3140/7928	3286/8046	3418/8190	3517/8322	3638/8433	3891/9028	3920/9109	3957/9193
2.3	Axle loading, unladen front/ rear	lb	4802/3554	4828/3594	4950/3736	4960/4002	5137/4056	5313/4112	5788/4486	5851/4533	5920/4585

3.1	Tyres		polyurethane
3.2	Tyre size, front	in	13.5 x 5.5
3.3	Tyre size, rear	in	6 x 2.9
3.5	Wheels, number front/ rear (x=driven wheels)		1x/4
3.6	Tread, front	b11 (in)	/
3.7	Tread, rear	b10 (in)	51.3

4.2	Height, mast lowered	h1 (in)	91.1	95.1	110.8	123.8	137	150.2	177.8	190.7	197.4
4.4	Lift	h3 (in)	177.2	189	236.2	275.6	315	354.3	393.7	433.1	452.8
4.5	Height, mast extended	h4 (in)	266.7	278.5	325.8	365.2	404.5	443.9	483.3	522.6	542.3
4.7	Height of overhead guard (cabin)	h6 (in)	89.6								
4.8	Stand height	h7 (in)	8.4								
4.11	Additional Lift	h9 (in)	/								
4.14	Stand height, elevated	h12 (in)	183.2	195	242.3	281.7	321	360.4	399.8	439.1	458.8
4.15	Height, lowered	h13 (in)	2.4								
4.18	Width of loading surface	b9 (in)	55.9								
4.20	Length to face of forks	l2 (in)	78.1								
4.21	Overall width	b1/b2 (in)	42.5/55.9								
4.22	Fork dimensions (standard)	s/ e/ l (in)	2x3.9x42.1								
	Fork dimensions (optional length)	in	29.9/36/39/42.1/48								
4.24	Fork-carriage width	b3 (in)	/								
4.25	Fork spread	b5 (in)	24-31.1								
4.27	Width across guide rolls, in 6.5 mm increments	b6 (in)	/								
4.31	Ground clearance, laden, below mast	m1 (in)	2.4								
4.34	Aisle width, minimum	Ast (in)	63.8								
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast (in)	63.8								
4.34.2	Aisle width for pallets 800×1200 lengthways	Ast (in)	63.8								
4.35	Turning radius	Wa (in)	72								

5.1	Travel speed, laden/ unladen	mph	5.6
5.2	Lift speed, laden/ unladen	fps	0.49/0.75
5.3	Lowering speed, laden/ unladen	fps	0.98/0.98
5.10	Service brake		electromagnetic, regenerative

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 (in)	14.7x38.4x30.9
6.4	Battery voltage/ nominal capacity K5	(V)/(Ah)	24V/1000, 24V/560 Li, 48V/420, 48V/400 Li
6.5	Battery weight, minimum	lb	1786

8.1	Type of drive unit	AC
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Electric Order Picker