HELI

OPS15

Electric High Level Order Picker

Characteristics

Configuration and performance

- Low gravity centre provides good stability.
- Electric powerd steering offers easy, flexible, high efficient and mute operation.
- The truck adopts integrated control handle and steering handle mechanism and the travelling and lifting and lowering functions can be achieved through control handle.
- Buffer oil cylinder: the oil cylinder will automatic decelerate when is 500mm away from ground to prevent impact and lower noises.
- The mast and the frame are dividable and exchangeable.
- Low voltage protection setting prolongs the battery use time.
- AC motor eliminates replacement of the carbon brush, provides good ramp starting performance and regenerative breaking functions.
- Sideway battery is convenient for exchanging and maintaining.
- The mast channel steel is the special type imported from Germany.
- High performance multi-function instrument has LED light and display.

Safety

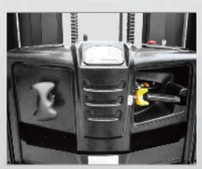
- The truck can automatic decelerate when quick turning.
- Height display and automatic deceleration at high lifting level are adopted on the truck.
- Stepless speed control system is safe and quiet.

CE

AC / EPS

Max. lift height: 9000mm

Pallet Lock device



Steering and speed adjusting

Light and fan

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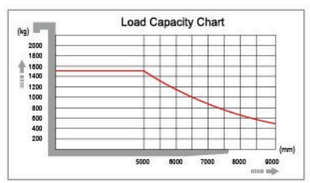
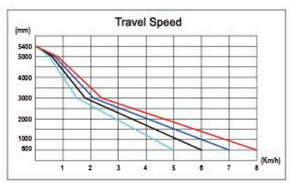
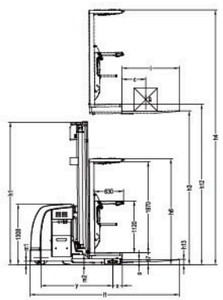
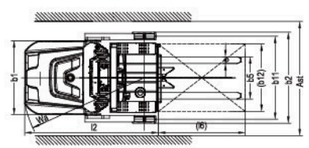
OPS15

Manufacturer's Data and Technical Characteristics				
	Character			
1.01	Manufacturer			HELI
1.02	Model			OPS15
1.03	Mast type			3-stage mast
1.04	Load capacity	Q	kg	1500
1.05	Load center distance	C	mm	600
1.06	Driving mode			Order picker
1.07	Front overhang	x	mm	206
1.08	Wheel base	Y	mm	1537
	Tyre			
2.01	Tyre type			Polyurethane
2.02	Wheels number,Front/rear(X=driven wheels)			1x+2/4
2.03	Track Width,rear	b11	mm	1236
2.04	Wheel size, front		mm	ø310x125
2.05	Wheel size, rear		mm	ø128x73
2.06	Wheel size, additional		mm	ø150x47
	Dimension			
3.01	Lift height	h3	mm	5000/7000/9000
3.02	Height, mast extended	h4	mm	7230/9230/11230
3.03	Height, mast lowered	h1	mm	2410/3080/3750
3.04	Height between Lowered fork and ground	h13	mm	80
3.05	Height of platform	h7	mm	230
3.06	Fork size	s/e/l	mm	45/100/1220
3.07	Overall length	l1	mm	3200
3.08	Length to the contacting face between fork and platform	l2	mm	1975
3.09	Overall width	b1/b2	mm	1100/1352
3.10	Width across forks	b5	mm	530/715
3.11	Height of overhead guard	h6	mm	2290
3.12	Turning radius	Wa	mm	1800
3.13	Aisle width with pallet 1200Wx1000L,clearance 200	Ast	mm	1400
3.14	Aisle width with pallet 800Wx1200L,clearance 200	Ast	mm	1400
3.15	Ground clearance	m2	mm	51
	Performance			
4.01	Travelling speed,laden/unladen		km/h	7.7/8
4.02	Lifting speed,laden/unladen		m/s	0~0.15/0~0.28
4.03	Lowering speed,laden/unladen		m/s	0~0.28/0~0.30
4.04	Gradeability,laden/unladen		%	5/10
	Electrical configuration			
5.01	Drive moter power		kw	4.5
5.02	Lifting moter power		kw	7.5
5.03	Steering motor power		kw	0.6
5.04	Battery voltage		V	24
5.05	Battery capacity		Ah	24/770(1100)
5.06	Battery dimensions l/w/h		mm	982x397x561(760)
5.07	Controller			CURTIS
5.08	Brake			Electromagnetic
	Weight			
6.01	Total weight(with battery)		kg	3870
6.02	Battery weight		kg	610(850)









Industrias Movilift SRL. Representante Oficial en Argentina
Sucursal Garín: Colectora Oeste Panamericana Ruta 9, km37,5 Garín,
Sucursal Haedo: Cabo Morando 2758, esq. Colectora Acceso Oeste
Buenos Aires Argentina. - Tel. (011) 4106-1600 y rotativas.
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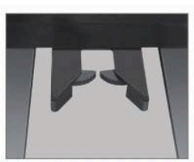
HELI

EMPOWER THE WORLD

Advantages:

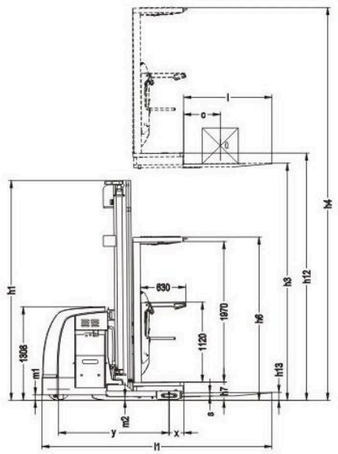
- Low gravity centre provides good stability.
- Advanced electric steering technology(EPS) is humanized designed, with automatic reset , height display and automatic deceleration at high lifting lever .
- Finger tip control via joystick, Stepless speed control for driving , lifting and lowering speed is adjustable .
- Buffer oil cylinder: the oil cylinder will automatic decelerate when off ground 500mm, to prevent impact and lower noises.
- The mast and the frame are dividable and exchangeable.
- Low battery protection setting prolongs the battery use time.
- AC motor eliminates replacement of the carbon brush, provides good ramp starting performance and regenerative breaking functions.
- Sideway battery is convenient for exchanging and maintaining .
- The mast material is the special type imported from Germany.
- The truck can automatic decelerate when quick turning.
- High performance multi-function instrument has LED light and display function. LED indicators include battery indicator, fault indicator, Electric thermometer indicator, pedal indicator and hand break indictor.
- Multi function display, include battery status, performance, working hour, accelerator, speed, the wheel position and traveling direction.
- Press right and left keys to switch for different grades: high, normal, low, and lowest.



Pallet Lock device

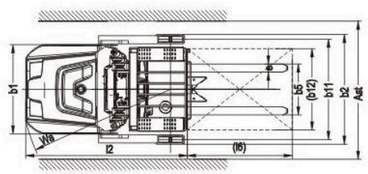
Steering and speed adjusting device

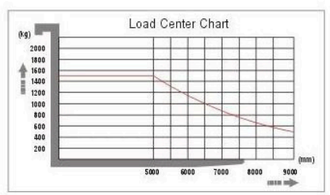
Light and fan

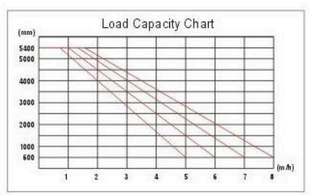


1KG=2.205LB 1INCH=25.40MM

MODEL		OPS15
Drive type		Battery
Operation type		Order Picker
Load capacity/rated load	Q(kg)	1500
Load centre distance	c(mm)	600
Load distance, centre of drive axle to fork	x(mm)	206
Wheelbase	y(mm)	1236
Axle loading, laden front/rear	kg	4320/1360
Axle loading, unladen front/rear	kg	1960/2220
Tyres		polyurethane
Tyre size, front	mm	Φ 310x125
Tyre size, rear	mm	Φ 128x73
Aditional wheel	mm	Φ 150x47
Wheels, number front rear (x=driven wheels)		1x+2/4
Tread, rear	b_{11}(mm)	1236
Height, mast lowered	h_1(mm)	2410/3080/3750
Lifting Height	**h_3(mm)**	5000/7000/9000
Height , mast extended	h_4(mm)	7230/9230/11230
Height of platform	h_7(mm)	230
lowed height	h_{13}(mm)	80
Overall length	l_1(mm)	3200
Coupling height	l_2(mm)	1975
Overall length	b_4/b_5(mm)	1100/1352
Forks length	s/e/l(mm)	45/100/1220
Overall width	b_2(mm)	530/715
height of ovehead guard	h_6(mm)	2290
Ground clearance , laden, below mast	m_1(mm)	76
Ground clearance , centre of wheelbase	m_2(mm)	51
Aisle width for pallets 1000x1200 crossways	A_{st}(mm)	1400
Aisle width for pallets 800x1200 lengthways	A_{st}(mm)	1000
Turning radius	W_a(mm)	1800
Travel speed, laden/unladen	Km/h	7.7/8
Lift speed, laden/unladen	m/s	0--0.18/0--0.23
Lowering speed, laden/unladen	m/s	0--0.49/0--0.30
Max.gradeability, laden/unladen	%	5/10
Service brake		Electromagnetic
Battery voltage, nominal capacity K5	V/Ah	24/770(1100)
Battery weight	kg	600(850)
Battery dimensions L/w/h	mm	982x397x561
Sound level at the driver's ear acc.to DIN 12053	dB(A)	70
Service weight (with battery)	kg	3870







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