

Since	Factory Plant	Countries	Certificates
1997	66000m ²	126	20



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**PROFESSIONAL FORKLIFT
MANUFACTURER**

Qingzhou Grace Machinery co.,Ltd.

www.graceforklift.com

Company Introduction

Qingzhou Grace Machinery Co., Ltd. is a high-tech enterprise specializing in the research and development, production, sales, and service of warehousing equipment and intelligent industrial vehicles. The company is located in Caterpillar Industrial Park in Qingzhou City, with advanced forklift manufacturing technology, complete processing equipment, and product testing center. It is a member unit of the China Industrial Vehicle Association. We have successively passed safety production standardization, ISO9001 international quality system certification, and EU CE certification, and have obtained nearly a hundred national invention patents.

Our main products include electric transport trucks, stackers, forward moving forklifts, tractors, sorting trucks, balanced forklifts, electric sedans, electric trucks, and other electric industrial vehicles, which are widely used in various places of modern logistics.



Vision

To be the world's definitive provider of material handling equipment.

Mission

To make the material handling easier.

Core Value

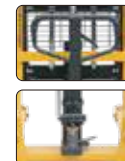
Be credible, innovative, responsible and thankful.

CTY-E Manual Stacker

- Higher configuration manual stacker,export standard style
- Load capacity from 1000kg-3000kg
- Lifting from 1600mm to 3500mm,customizable above 3500mm
- Mast made of high quality C-section steel



Use oil cylinder limit, height limit, no limit screws needed, safe and reliable



High pressure hydraulic cylinder, lifting by hand and foot , Lowering by pressing , more convenient operation



The standard fork length is 1150mm. The fork cover leg through-axle ensures actual load with no deformation



With brake design to ensure stability and safety and wheel protection design to ensure safe operation



Straddle leg optional

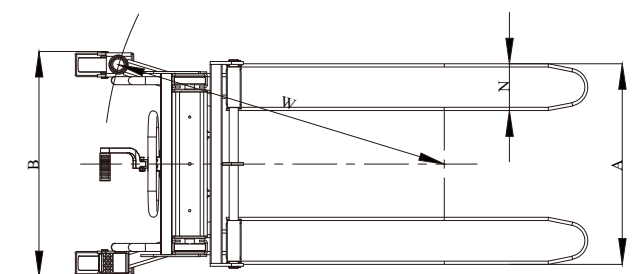
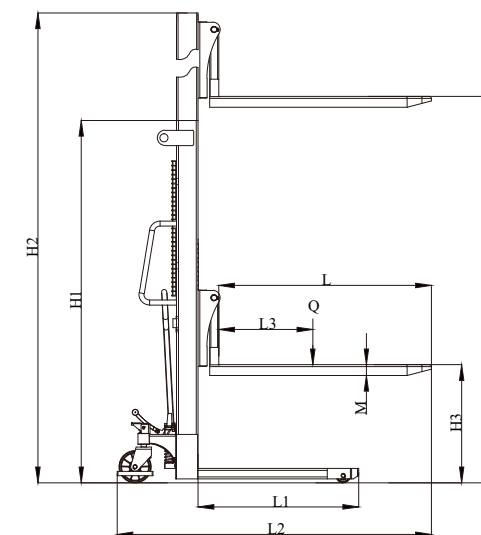


Double mast



Single mast

Model	unit	CTY-E10		CTY-E15		CTY-E20		CTY-E30
Max. load capacity	Q(kg)	1000		1500		2000		3000
Mast type	/	Single Double		Single Double		Single Double		Double
Max. lifting height	(H4)mm	1600	2000/2500/3000/3500	1600	2000/2500/3000/3500	1600	2000/2500/3000/3500	1600
Min. height of fork	(H3)mm	90		90		90		90
Load center	(L3)mm	550		550		550		550
Overall length	(L2)mm	1670		1690		1690		1710
Overall width	(B)mm	760		760		760		760
Overall height, mast lowered	(H1)mm	1960	1550/1800/2050/2300	2020	1550/1800/2050/2300	2020	1550/1800/2050/2300	2020
Overall height, mast extended	(H2)mm	1960	2530/3030/3530/4030	2020	2530/3030/3530/4030	2020	2530/3030/3530/4030	2020
Fork type	/	Active string rod						
Fork size(L*W*H)	(L*N*M)mm	1150*160*60		1150*160*60		1150*160*60		1150*165*60
Forks outside width	(A)mm	330-680		330-680		330-680		330-680
Leg length	(L1)mm	920		900		900		880
Wheel type	/	PU		PU		PU		PU
Tyre size, drive	mm	Φ180*50		Φ180*50		Φ180*50		Φ180*50
Tyre size, load	mm	Φ80*60		Φ80*70		Φ80*70		Φ80*90
Net weight	kg	169	218/244/270/286	215	267/285/304/321	218	270/288/307/325	248



CTY-E Stretchable Leg Manual Stacker

- Adjustable legs, width ranging from 1000-1500mm applicable for a wider variety of pallets

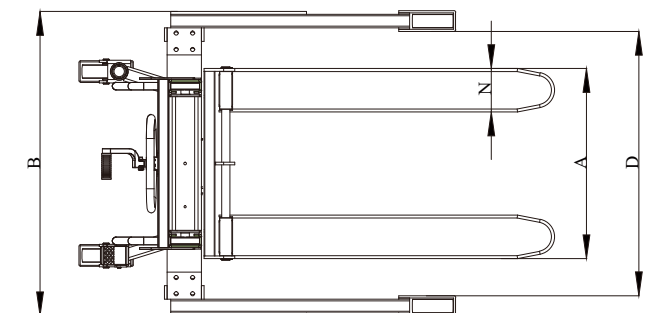
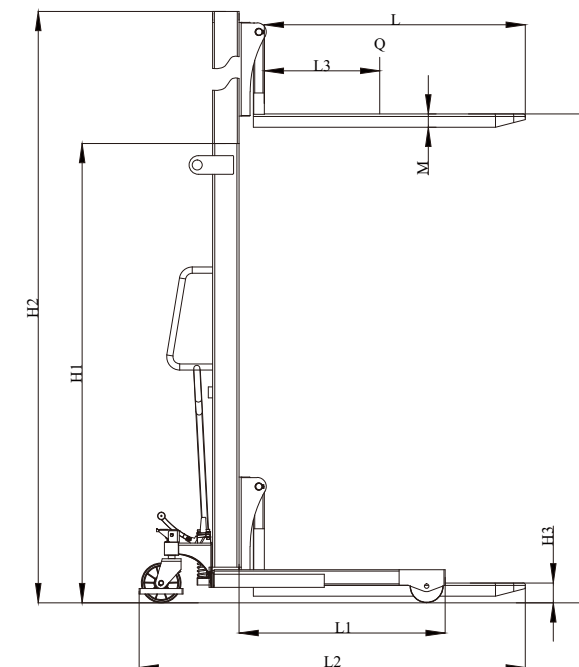


Suitable for a wider variety of pallets



Stretchable leg

Model	unit	CTY-E10-16-E-S	CTY-E20-16--E-S
Max. load capacity	kg	1000	2000
Max. lifting height	(H4)mm	1600	1600
Min. height of fork	(H3)mm	90	90
Load center	(L3)mm	500	500
Overall length	(L2)mm	1650	1670
Overall width	(B)mm	754	754
Overall height, mast lowered	(H1)mm	1960	2020
Overall height, mast extended	(H2)mm	1960	2020
Fork type	/	Active string rod	Active string rod
Fork size(L*W*H)	(L*N*M)mm	1150*160*60	1150*160*60
Leg inside width	mm	1000-1500	1000-1500
Leg length	(L1)mm	920	900
Wheel type	/	PU	PU
Tyre size, drive	mm	Φ180*50	Φ180*50
Tyre size, load	mm	Φ80*60	Φ80*70



CTY-D Manual Stacker

- Load capacity from 500kg-3000kg
- Lifting from 1100mm-3500mm,customizable above 3500mm
- Mast of high quality C-section steel



Double mast

Single mast



Straddle leg optional



Use oil cylinder limit, height limit, no limit screws needed, safe and reliable

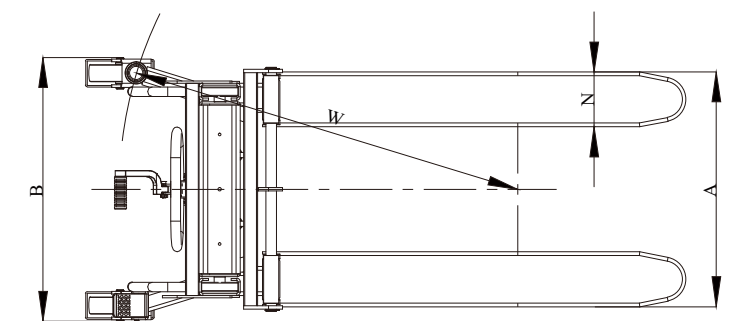
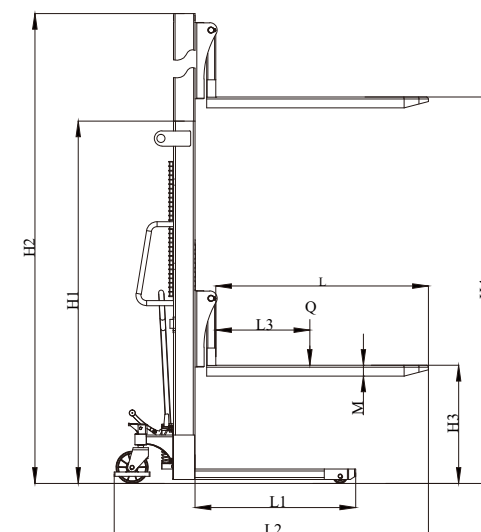


Standard fork length 1000mm, fork cover leg through-axle to ensure actual load with no deformation



Using regular pump that lifting is controlled by the handle and dropping is controlled by the pressure relief valve

Model	unit	CTY-D05	CTY-D10		CTY-D20		CTY-D30
Max. load capacity	Q(kg)	500	1000		2000		3000
Mast type	/	Single	Single	Double	Single	Double	Single
Max. lifting height	(H4)mm	1100/1300	1600	2000/2500/3000/3500	1600	2000/2500/3000/3500	1600
Min. height of fork	(H3)mm	90	90		90		90
Load center	(L3)mm	500	500		500		500
Overall length	(L2)mm	1250	1440		1460		1480
Overall width	(B)mm	600	760		760		760
Overall height, mast lowered	(H1)mm	1460/1660	1960	1550/1800/2050/2300	2020	1550/1800/2050/2300	2020
Overall height, mast extended	(H2)mm	1460/1660	1960	2530/3030/3530/4030	2020	2530/3030/3530/4030	2020
Fork type	/	Active string rod					
Fork size(L*W*H)	(L*N*M)mm	750*120*50	1000*120*50	1000*160*60	1000*160*60		1000*165*60
Forks outside width	(A)mm	255-580	330-680		330-680		330-680
Leg length	(L1)mm	700	920		900		880
Wheel type	/	Nylon	Nylon		Nylon		Nylon
Tyre size, drive	mm	Φ180*50	Φ180*50		Φ180*50		Φ180*50
Tyre size, load	mm	Φ80*60	Φ80*60		Φ80*70		Φ80*90
Net weight	kg	121/126	145	194/220/246/262	194	246/264/283/301	243



CTY-D Manual Stacker with Motor

- A motor simply added to achieve electric lifting function
- 220V/12V dual-specification motor, plug and play, electric lifting
- No need for battery stable power supply, suitable for fixed workstations
- Be used as a manual stacker under situations of no power supply, dual use of both manual and electric to adapt to more working conditions



CTY-D Manual Stacker with Motor And Battery

- 12V85AH battery added based on the manual motor addition
- All functions of semi-electric model realized ,more economic
- Be used as a manual stacker under situations of no power supply, dual use of both manual and electric to adapt to more working conditions



COT-QB Manual Platform Stacker

- The mast is made of high-quality cold-drawn seamless steel pipe, chrome-plated, durable and rust-free.
- The whole vehicle is easy to operate, easy to move, and easy and labor-saving to carry and stack.
- With removable platform.



Model	unit	COT-0.4QB850	COT-0.4QB1100	COT-0.4QB1300	COT-0.4QB1500	COT-0.4QB1700
Max. load capacity	kg	400	400	400	400	400
Min. height of fork	mm	90	90	90	90	90
Max. lifting height	mm	850	1100	1300	1500	1700
Fork length	mm	650	650	650	650	650
Fork outside width	mm	550	550	550	550	500
Platform size	mm	685*580	685*580	685*580	685*580	685*580
Dimensions(L*W*H)	mm	1108*580*1098	1108*580*1343	1108*580*1543	1108*580*1743	1108*580*1943
Net weight	kg	84	87	90	93	97

CTD-QB Semi-Electric Platform Stacker

- The mast frame is made of high-quality cold-drawn seamless steel pipe, chrome-plated, durable and rust-free.
- 1 set of battery, 12V65AH (Lithium battery optional)



Model	unit	CTD-0.4QB1300	CTD-0.4QB1500	CTD-0.4QB1700
Max. load capacity	kg	400	400	400
Min. height of fork	mm	90	90	90
Max. lifting height	mm	1300	1500	1700
Fork length	mm	650	650	650
Platform size	mm	650*580	650*580	650*580
Voltage	v	12	12	12
Lifting motor	kw	0.8	0.8	0.8
Battery	V/Ah	12/65	12/65	12/65
Charger	/	12V8A	12V8A	12V8A
Dimensions (L*W*H)	mm	1151*582*1543	1151*582*1743	1151*582*1943
Net weight	kg	118	121	125

CTY-A Channel Steel Manual Stacker

- Mast made of channel steel for 1T and I-beam for 2T:
the most economic manual stacker
- Standard load capacity: 1000kg-2000kg
- Lifting height: 1600mm

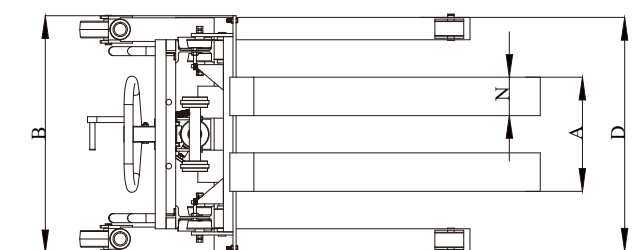
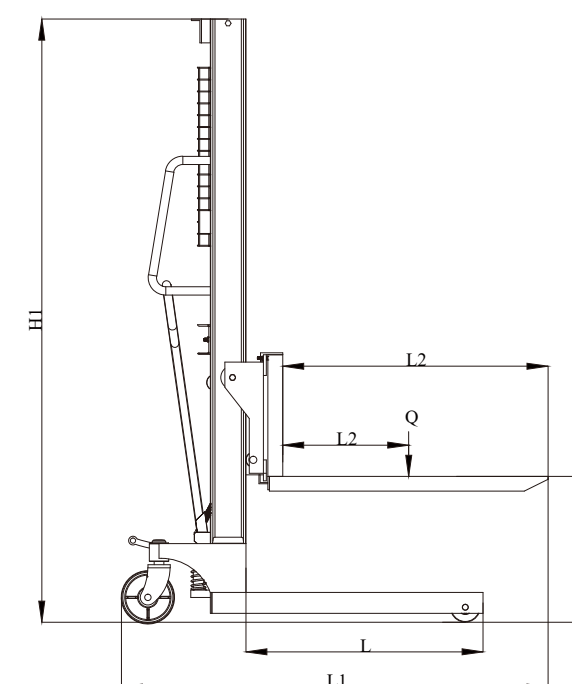


CTY-A10-16

CTY-A20-16



Model	unit	CTY-A10-16	CTY-A20-16
Max. load capacity	Q(kg)	1000	2000
Mast type	/	Single	Single
Max. lifting height	(H4)mm	1600	1600
Min. height of fork	(H3)mm	90	90
Load center	(L3)mm	500	500
Overall length	(L2)mm	1420	1440
Overall width	(B)mm	730	750
Overall height, mast lowerwd	(H1)mm	2030	2030
Overall height, mast extended	(H2)mm	2030	2030
Fork type	/	Activity hook type	Activity hook type
Fork size(L*W*H)	(L*N*M)mm	900*100*50	900*120*60
Fork outside width	(A)mm	210-580	210-580
Leg length	(L1)mm	775	755
Wheel type	/	Nylon	Nylon
Tyre size, drive	mm	Φ180*50	Φ180*50
Tyre size, load	mm	Φ80*60	Φ80*70
Net weight	kg	130	175



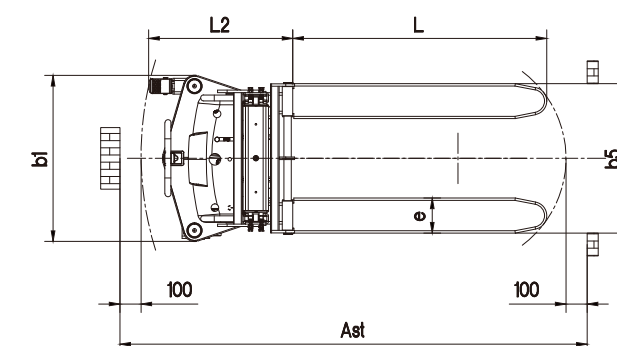
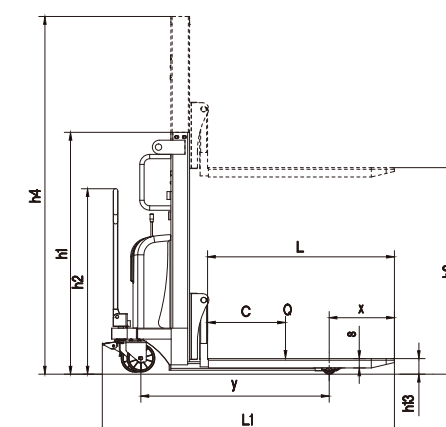
CTD Semi-Electric Stacker

- Semi-electric design, electric lifting and manual moving
- 1 set of battery, 12V120AH(lithium battery optional)
- The mast made of 6mm-8mm C-section steel, forks made of 8mm high strength steel to be sturdy and stable



Straddle leg optional

Item	unit	Parameter		
Model	/	CTD-B10	CTD-B15	CTD-B20
Max. load capacity	(Q)kg	1000	1500	2000
Max. lifting height	(h3)mm	1600 2000/2500/3000 3500	1600 2000/2500/3000 3500	1600 2000/2500 3000/3500
Max. load at max. lifting height	kg	1000 1000/850/730 650	1500 1500/1350/1200 1100	2000 2000/1600 1440/1250
Min. height of fork	(h13)mm	90	90	90
Load center	(C)mm	550	550	550
Turning radius	(Wa)mm	1295	1295	1295
Lift power	/	Battery	Battery	Battery
Walking power	/	Manual	Manual	Manual
Mast type	/	Single Double Double	Single Double Double	Single Double Double
Mast material	/	100*50*6mm C# Steel 120*50*6mm C# Steel	120*50*6mm C# Steel 120*50*8mm C# Steel	120*50*6mm C# Steel 120*50*8mm C# Steel
Net weight	kg	286 319/339/353 413	296 331/353/369 431	321 365/394 410/441
Overall length	(L1)mm	1820	1840	1840
Body length	(L2)mm	660	680	680
Overall width	(b1)mm	760	820	760/820
Overall height, mast lowered	(h1)mm	2020 1550/1800/2050 2300	2020 1550/1800/2050 2300	2020 1550/1800 2050/2300
Overall height, mast extended	(h4)mm	2020 2530/3030/3530 4030	2020 2530/3030/3530 4030	2020 2530/3030 3530/4030
Handle height from the ground	(h2)mm	1160	1160	1160
Handle length	mm	850	850	850
Lifting frame width	mm	705 805	705 805	705 705/805
Fork type	mm	Active string style	Active string style	Active string style
Fork size(L*W*H)	(L*e*s)mm	1150*165*60	1150*165*60	1150*165*60
Forks outer width	(b5)mm	320-680 320-780	320-680 320*780	320-680 320-680/320-780
Leg size	mm	980*85*58	980*85*58	980*100*58
Leg inner width	mm	430 530	430 530	400
Min.height of fork	(h13)mm	90	90	90
Wheels				
Wheel material	/	Nylon	Nylon	Nylon
Front overhang	(x)mm	418.5	418.5	418.5
Wheelbase	(y)mm	1251	1251	1251
Rear wheel size	mm	Φ180*50	Φ180*50	180*50
Front wheel size	mm	Φ80*70	Φ80*70 Φ80*90	Φ80*90
Channel width	(Ast)mm	2206	2206	2206
Battery				
Battery voltage/rated capacity	V/Ah	12/120	12/120	12/120
Battery continuous working time	H	4-6	4-6	4-6
Battery weight	kg	24	24	24
Charger	/	12V/15A	12V/15A	12V/15A
Lifting motor	kw	12V/1.6kw	12V/1.6kw	12V/1.6kw
Performance				
Maximum lifting speed (load/unload)	mm/s	67/135	51/131	42/113
Maximum descent speed (load/unload)	mm/s	135/135	131/131	113/113



CTD-B-II Lightweight Electric Stacker

- Fully electric design, electric lifting and electric driving
- The compact body, strong passability in narrow alleys and flexible in small space
- Standard 4sets of batteries, 48V32AH (lithium battery optional)
- 800W horizontal drive

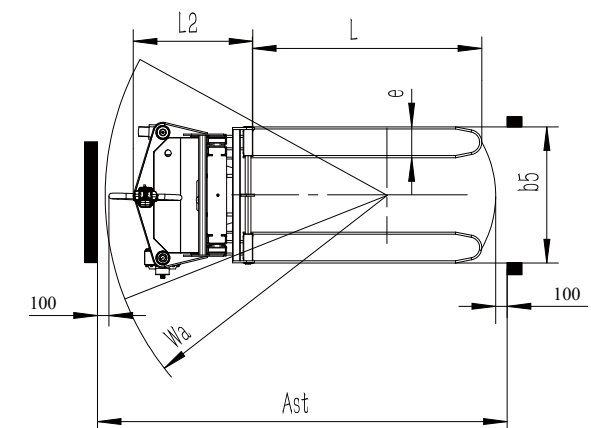
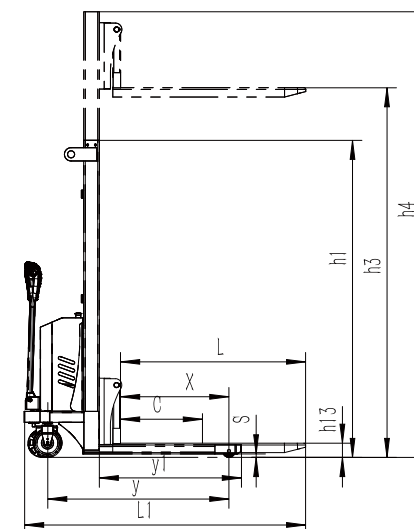


Straddle leg optional



Driving wheel design

Item	unit	Parameter			
Model	/	CTD-B10-II		CTD-B15-II	
Operation mode	/	Electric driving		Electric driving	
Max. load capacity	Q(kg)	1000		1500	
Mast type	/	Single	Double	Single	Double
Lifting height	h3mm	1600	2000/2500/3000/3500	1600	2000/2500/3000/3500
Net weight	kg	300	326/347/361/417	330	374/389/404/460
Load center	c(mm)	600		600	
Front overhang	x(mm)	695		695	
Wheelbase	y(mm)	1160		1160	
Wheel chassis					
Tyre type	/	Nylon wheel/polyurethane (drive)		Nylon wheel/polyurethane (drive)	
Tyre size, load	Φ×w(mm)	Φ80*60		Φ80*70	
Tyre size, balance	Φ×w(mm)	Φ180*50		Φ180*50	
Tyre size, drive	Φ×w(mm)	Φ185*70		Φ185*70	
Wheel qty(drive/balance/load)	/	1X1X2		1X1X2	
Size					
Overall height, mast lowered	h1(mm)	2030	1530/1780/2030/2280	2030	1530/1780/2030/2280
Overall height, mast extended	h4(mm)	2030	2530/3030/3530/4030	2030	2530/3030/3530/4030
Min.height of fork	h13(mm)	90		90	
Overall length	L1(mm)	1820		1840	
Body length	L2(mm)	670		670	
Leg length	y1(mm)	920		980	
Overall width	b1/b2(mm)	786		786	
Fork size	s/e/L(mm)	60*160*1150		60*165*1150	
Fork outer width	b5(mm)	550/685		550/685	
Ground clearance at center of wheelbase	m2(mm)	18		18	
Channel width 1000×1200 pallets (1200 placed along the fork)	Ast(mm)	2460		2460	
Channel width 800 x 1200 pallets (1200 placed along the fork)	Ast(mm)	2390		2390	
Turning radius	Wa(mm)	1550		1550	
Performance					
Drive speed, load/unload	km/h	4.2/4.5		4.2/4.5	
Lift speed, load/unload	mm/s	90/140		90/140	
Descent speed, load/unload	mm/s	110/90		110/90	
Max.gradeability, load/unload	%	/		/	
Brake type	/	Mechanical braking		Mechanical braking	
Motor and Battery					
Driving motor	V/w	48/800		48/800	
Lifting motor	V/kw	48/1.6		48/2.2	
Battery	V/Ah	48/32		48/40	
Driving motor model	V	48 / CKW-4816P		48 / CKW-4816P	



HES-A15 Electric Walkie Stacker

- Loading capacity:1500kg; lifting height :1600-3500mm.
- Mast made of high quality 8mm C section steel(forklift steel optional) ; forks made of high strength 8mm steel to be sturdy and durable
- 2 sets of 12V85Ah battery,24V85Ah(Lithium battery optional)
- DC1000W horizontal driving motor
- With protective emergency reverse device & emergency brake switch

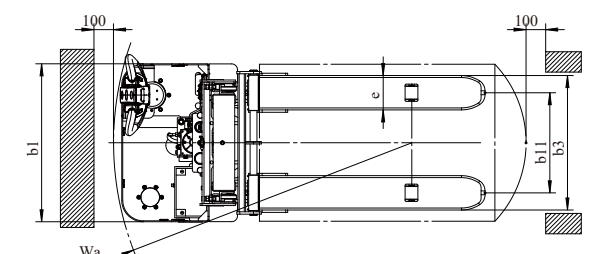
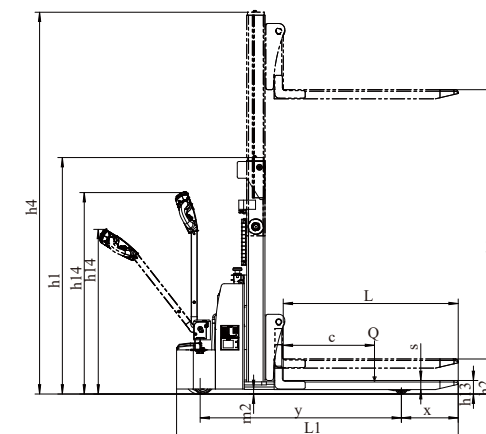


Fixed forks optional



Straddle leg optional

Item	unit	Parameter	
Model	/	HES-A15	
Max lifting height	h3(mm)	1600	2000/2500/3000/3500
Driving mode	/	Electric	
Operating method	/	Pedestrain	
Max loading capacity	Q (kg)	1500	
Load center	c (mm)	600	
Front overhang	x (mm)	375	
Wheel base	y (mm)	1324	
Net weight(with battery)-Just for reference	kg	450	510/532/554/576
Overall height, mast lowered	h1(mm)	2030	1530/1780/2030/2280
Free lifting height	h2(mm)	90	
Overall height, mast extended	h4(mm)	2030	2530/3030/3530/4030
Min. height of fork	h13(mm)	90	
Handle height(Min./Max.)	h14(mm)	1000/1324	
Overall length	l1(mm)	1860	
Fork face back length	l2(mm)	710	
Overall width	b1(mm)	805	
Fork dimension(H/W/L)	s/e/l(mm)	60/165/1150	
Fork outside width	b3(mm)	680	
Ground clearance at wheelbase center	m2(mm)	30	
Aisel width, if 800*1200 pallet	Ast(mm)	2300	
Aisel width, if 1000*1200 pallet	Ast(mm)	2375	
Turning radius	Wa(mm)	1520	
Wheel chassis			
Wheel type	/	Polyurethane	
Tyre size, drive	Φ×w(mm)	Φ210*70	
Tyre size, load	Φ×w(mm)	Φ80*70	
Tyre size, balance	Φ×w(mm)	Φ115*55	
Number of wheels, drive,load,balance(x=drive wheel)	Φ×w(mm)	1X+1/2	
Axle track, driving	b10(mm)	545	
Axle track, loading	b11(mm)	520	
Performance			
Max driving speed(load/unload)	km/h	4.2/4.5	
Max lifting speed(load/unload)	mm/s	90/140	
Max descending speed(load/unload)	mm/s	110/90	
Max climbing gradient (load/unload)	%	4/7	
Braking	/	Electromagnetic	
Steering	/	Mechanical steering	
Motors & Battery			
Driving motor	kw	1	
Lifting motor	kw	2.2	
Number of battery	pc	2	
Battery	V/Ah	24/85	
Battery weight	kg	48	
Charger	/	24V12A	



HES-A20 Walkie Electric Stacker

- Loading capacity:2000kg;lifting height :1600-3500mm
- Mast made of high quality C+J section steel;forks made of high strength 8mm to be sturdy and durable
- 4 sets of 12V65Ah battery,48V65Ah (Lithium battery optional)
- 1000W horizontal driving motor
- With protective reverse device & emergency brake switch

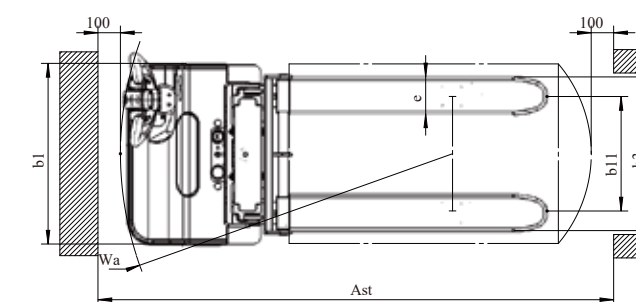
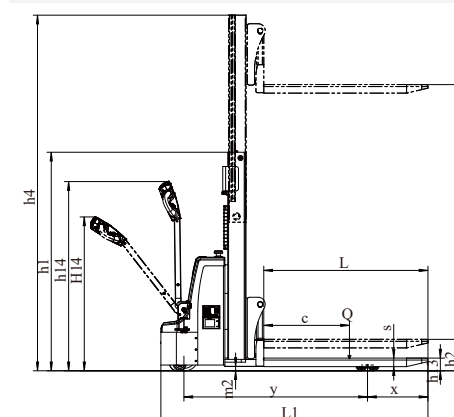


Fixed forks optional



Straddle leg optional

Item	unit	Parameter	
Model	/	HES-A20	
Max lifting height	h3(mm)	1600	2000/2500/3000/3500
Driving mode	/	Electric	
Operating method	/	Pedestrain	
Max loading capacity	Q (kg)	2000	
Load center	c (mm)	600	
Front overhang	x (mm)	425	
Wheel base	y (mm)	1286	
Net weight(with battery)-Just for reference	kg	527	595/627/650/677
Overall height, mast lowered	h1(mm)	2030	1530/1780/2030/2280
Free lifting height	h2(mm)	90	
Overall height, mast extended	h4(mm)	2030	2530/3030/3530/4030
Min. height of fork	h13(mm)	90	
Handle height(Min./Max.)	h14(mm)	1000/1324	
Overall length	l1(mm)	1870	
Fork face back length	l2(mm)	720	
Overall width	b1(mm)	805	
Fork dimension(H/W/L)	s/e/l(mm)	60/165/1150	
Fork outside width	b3(mm)	680	
Ground clearance at wheelbase center	m2(mm)	30	
Aisel width, if 800*1200 pallet	Ast(mm)	2300	
Aisel width, if 1000*1200 pallet	Ast(mm)	2375	
Turning radius	Wa(mm)	1480	
Wheel chassis			
Wheel type	/	Polyurethane	
Tyre size, drive	Φ×w(mm)	Φ210*70	
Tyre size, load	Φ×w(mm)	Φ80*70	
Tyre size, balance	Φ×w(mm)	Φ115*55	
Number of wheels, drive,load,balance(x=drive wheel)	Φ×w(mm)	1X+1/4	
Axle track, driving	b10(mm)	545	
Axle track, loading	b11(mm)	520	
Performance			
Max driving speed(load/unload)	km/h	4.2/4.5	
Max lifting speed(load/unload)	mm/s	75/110	
Max descending speed(load/unload)	mm/s	90/75	
Max climbing gradient (load/unload)	%	4/7	
Braking	/	Electromagnetic	
Steering	/	Mechanical steering	
Motors & Battery			
Driving motor	kw	1	
Lifting motor	kw	2.2	
Number of battery	pc	4	
Battery	V/Ah	48/65	
Battery weight	kg	60	
Charger	/	48V5A	



HES-A Walkie Electric Stacker-Premium

- Premium model, lifting up to 4000mm-4500mm;triple mast,wider rear body with super stability(free lifting function optional)
- Mast made of C+J+J section steel;forks made of high strength 8mm steel to be sturdy and durable
- 2 sets of 12V85Ah battery, 24V85Ah (Lithium battery optional)
- 1000W horizontal driving motor
- With protective emergency reverse device & emergency brake switch

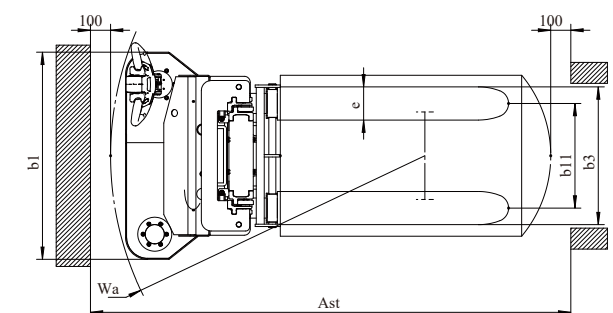
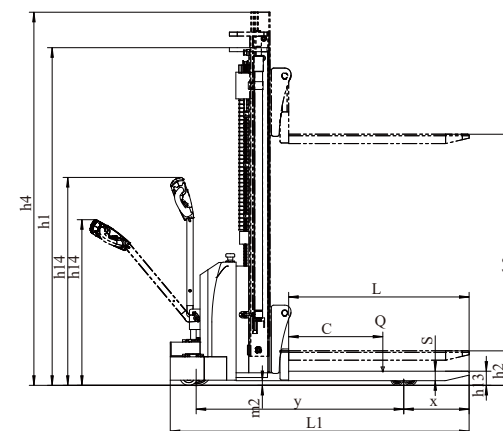


Fixed forks optional



Straddle leg optional

Item	unit	Parameter	
Model	/	HES-A15-40	HES-A15-45
Drive mode	/	Electric	
Operating method	/	Pedestrian	
Max loading capacity	Q (kg)	1500	
Load center	c (mm)	600	
Front overhang	x (mm)	425	
Wheel base	y (mm)	1323	
Overall height, mast lowered	h1(mm)	1990	2160
Free lifting height	h2(mm)	90	90
Max lifting height	h3(mm)	4000	4500
Overall height, mast extended	h4(mm)	4610	5120
Min. height of fork	h13(mm)	90	
Handle height(Min./Max)	h14(mm)	1000/1324	
Overall length	l1(mm)	1905	
Fork face back length	l2(mm)	755	
Overall width	b1(mm)	1030	
Fork dimension(H/W/L)	s/e/l(mm)	60/165/1150	
Fork outside width	b3(mm)	680	
Ground clearance at wheelbase center	m2(mm)	30	
Aisle width needed, if 800*1200 pallet	Ast(mm)	2390	
Aisle width needed, if 1000*1200 pallet	Ast(mm)	2460	
Turning radius	Wa(mm)	1560	
Net weight(with battery)-Just for reference	kg	769	799
Wheel chassis			
Wheel type	/	Polyurethane	
Tyre size, drive	Φ×w(mm)	Φ210*70	
Tyre size, load	Φ×w(mm)	Φ80*70	
Tyre size, balance	Φ×w(mm)	Φ115*55	
Number of wheels, drive,load,balance(x=drive wheel)	Φ×w(mm)	1X+1/4	
Axle track, driving	b10(mm)	745	
Axle track, loading	b11(mm)	520	
Performance			
Max driving speed(load/unload)	km/h	4.2/4.5	
Max lifting speed(load/unload)	mm/s	90/140	
Max descending speed(load/unload)	mm/s	110/90	
Max climbing gradient (load/unload)	%	3/7	
Braking	/	Electromagnetic	
Steering	/	Mechanical steering	
Motor & Battery			
Driving motor	kw	1	
Lifting motor	kw	2.2	
Battery	V/Ah	24/85	
Battery weight	kg	48	
Charger	/	24V12A	



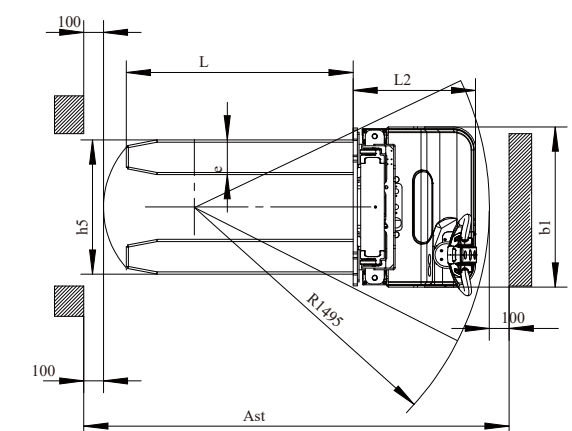
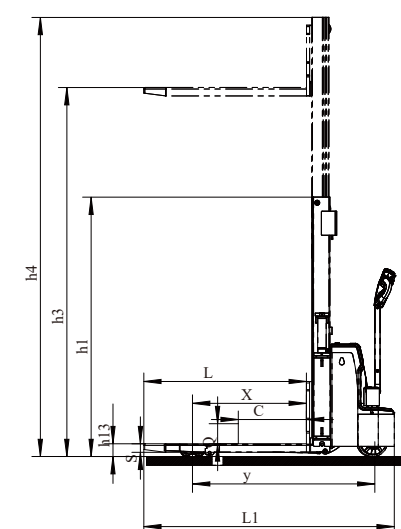
HES-C Initial Lift Stacker

- Loading capacity:1500kg, lifting height :1600-3500mm
- Forks and legs can be lifted at the same time, double pallets can be lifted simultaneously to improve working efficiency.
- Mast made of C+J section steel;forks made of high strength 8mm steel to be sturdy and stable
- 4 stes of 12V65Ah battery, 48V65Ah (Lithium battery optional)
- 1000W horizontal driving motor
- With protective emergency reverse device & emergency brake switch



Forks and legs
can be lifted simultaneously

Item	unit	Parameter				
Model	/	HES-C15-16	HES-C15-20	HES-C15-25	HES-C15-30	HES-C15-35
Max lifting height	h3(mm)	1600	2000	2500	3000	3500
Operating method	/	Pedestrain	Pedestrain	Pedestrain	Pedestrain	Pedestrain
Max loading capacity	Q(kg)	1500	1500	1500	1500	1500
Ast type	/	Single mast	Double mast	Double mast	Double mast	Double mast
Net weight	kg	527	595	627	650	677
Load center	c(mm)	600	600	600	600	600
Front overhang	x (mm)	805	805	805	805	805
Wheel base	y (mm)	1290	1290	1290	1290	1290
Controller	/	B2P-C				
Overall height, mast lowered	h1(mm)	2030	1530	1780	2030	2280
Overall height,mast extended	h4(mm)	2030	2530	3030	3530	4030
Min. height of fork	h13(mm)	90				
Overall length	L1(mm)	1780				
Body length	L2(mm)	625				
Overall width	b1/b2(mm)	825				
Fork dimension(H/W/L)	s/e/L(mm)	60/175/1150				
Fork outside width	b5(mm)	550/680				
Ground clearance at wheelbase center	m2(mm)	40				
Aisel width needed, if 800*1200 pallet	Ast(mm)	2256				
Aisel width needed, if 1000*1200 pallet	Ast(mm)	2186				
Turning radius	Wa(mm)	1495				
Wheel chassis						
Wheel type	/	Polyurethane				
Tyre size, drive	Φ×w(mm)	Φ210*70				
Tyre size, load	Φ×w(mm)	Φ80*70				
Tyre size, balance	Φ×w(mm)	Φ115*55				
Number of wheels, drive,load,balance(x=drive wheel)	/	1X4/1				
Performance						
Driving speed, load/unload	km/h	4/4.55				
Lifting speed, load/unload	mm/s	100/135				
Descending speed,load/unload	mm/s	100/110				
Max climbing gradient (load/unload)	%	5./7				
Braking	/	Electromagnetic				
Steering	/	Mechanical steering				
Motors & Battery						
Driving motor	V/kw	48/1.0				
Lifting motor	V/kw	48/2.2				
Battery	V/Ah	48/65				
Battery weight	kg	60				
Charger	/	48V5A				



HES-B15 Stand-on Electric Pallet Stacker

- Stand-on design, easy and comfortable to operate
- Loading capacity:1500kg, lifting height:1600-3500mm
- Mast made of high quality 8mm C section steel(Forklift steel optional);Forks made of high strength 8mm steel to be sturdy and stable
- 4 sets of 12V85Ah battery, 48V85Ah (Lithium battery optional)
- 1300W horizontal driving motor
- With protective emergency reverse device & emergency brake switch
- Mechanical steering for standard model(EPS optional,24V170Ah battery,1500w vertical drive)
- Equipped with protective wings.



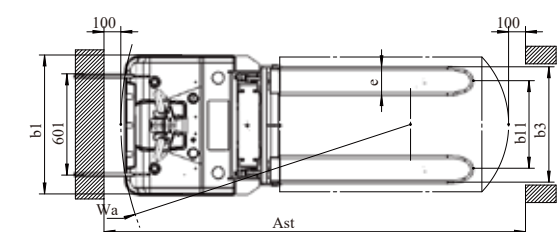
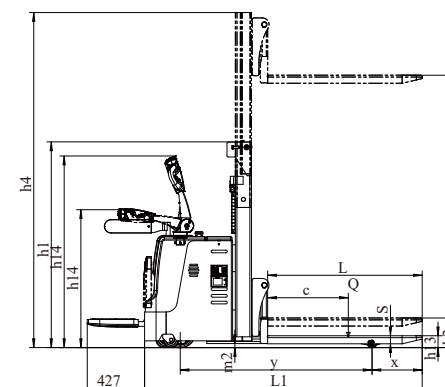
Fixed forks optional



Straddle leg optional



Item	unit	Parameter				
Model	/	HES-B15-16	HES-B15-20	HES-B15-25	HES-B15-30	HES-B15-35
Max lifting height	h3(mm)	1600	2000	2500	3000	3500
Driving mode	/	Electric				
Operating method	/	Stand-on				
Max loading capacity	Q (kg)	1500				
Load center	c (mm)	600				
Front overhang	x (mm)	375				
Wheelbase	y (mm)	1427				
Net weight(with battery)-Just for reference	kg	665	724	746	768	790
Overall height, mast lowered	h1(mm)	2030	1530	1780	2030	2280
Free lifting height	h2(mm)	90	90	90	90	90
Overall height, mast extended	h4(mm)	2030	2530	3030	3530	4030
Min. height of fork	h13(mm)	90				
Handle height(Min./Max)	h14(mm)	1000/1425				
Overall length (pedal retracted)	l1(mm)	2075				
Fork face back length	l2(mm)	925				
Overall width	b1(mm)	825				
Fork dimension(H/W/L)	s/e/l(mm)	60/165/1150				
Fork outside width	b3(mm)	680				
Ground clearance at wheelbase center	m2(mm)	30				
Aisel width needed, if 800*1200 pallet	Ast(mm)	2500				
Aisel width needed, if 800*1200 pallet	Ast(mm)	2575				
Turning radius	Wa(mm)	1720				
Wheel chassis						
Wheel type	/	Polyurethane				
Tyre size, drive	Φ×w(mm)	Φ230*75				
Tyre size, load	Φ×w(mm)	Φ80*70				
Tyre size, balance	Φ×w(mm)	Φ115*55				
Number of wheels, drive,load,balance(x=drive wheel)	Φ×w(mm)	1X+2/2				
Axle track, driving	b10(mm)	645				
Axle track, loading	b11(mm)	520				
Performance						
Max driving speed(load/unload)	km/h	4/5				
Max lifting speed(load/unload)	mm/s	90/140				
Max descending speed(load/unload)	mm/s	110/90				
Max climbing gradient (load/unload)	%	4/7				
Braking	/	Electromagnetic				
Steering	/	Mechanical steering				
Motor & Battery						
Driving motor	kw	1.3				
Lifting motor	kw	2.2				
Number of battery	pc	4				
Battery	V/Ah	48/85				
Battery weight	kg	96				
Charger	/	48V10A				



HES-B20 Stand-on Electric Pallet Stacker

- Stand-on design, easy and comfortable to operate
- Loading capacity :2000kg, lifting height: 1600-3500mm
- Mast made of C+J section steel;forks made of high strength 8mm steel to be sturdy and durable
- 4 sets of 12V85Ah battery, 48V85Ah (Lithium battery optional)
- 1300W horizontal driving motor
- With protective emergency reverse device & emergency brake switch
- Mechanical steering for standard model(EPS optional,24V170Ah battery,1500w vertical drive)
- Equipped with protective wings.

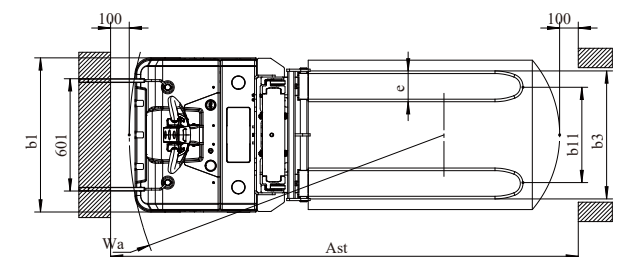
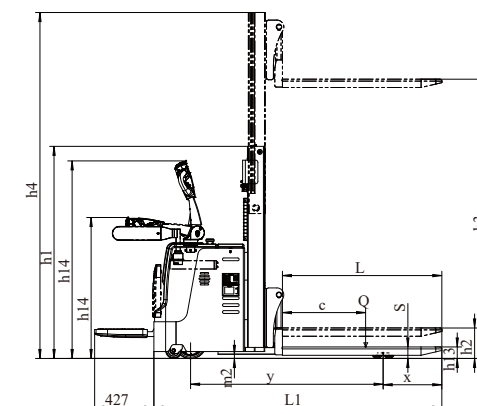


Fixed forks optional



Straddle leg optional

Item	unit	Parameter				
Model	/	HES-B20-16	HES-B20-20	HES-B20-25	HES-B20-30	HES-B20-35
Max lifting height	h3(mm)	1600	2000	2500	3000	3500
Driving mode	/	Electric				
Operating method	/	Stand-on				
Max loading capacity	Q (kg)	2000				
Load center	c (mm)	600				
Front overhang	x (mm)	425				
Wheel base	y (mm)	1390				
Net weight(with battery)-Just for reference	kg	780	845	875	905	935
Overall height, mast lowered	h1(mm)	2030	1530	1780	2030	2280
Free lifting height	h2(mm)	90	90	90	90	90
Overall height, mast extended	h4(mm)	2030	2530	3030	3530	4030
Min. height of fork	h13(mm)	90				
Handle height(Min./Max)	h14(mm)	1000/1425				
Overall length (pedal retracted)	l1(mm)	2085				
Fork face back length	l2(mm)	935				
Overall width	b1(mm)	825				
Fork dimension(H/W/L)	s/e/l(mm)	60/165/1150				
Fork outside width	b3(mm)	680				
Ground clearance at wheelbase center	m2(mm)	30				
Aisel width needed, if 800*1200 pallet	Ast(mm)	2500				
Aisel width needed, if 1000*1200 pallet	Ast(mm)	2575				
Turning radius	Wa(mm)	1685				
Wheel chassis						
Wheel type	/	Polyurethane				
Tyre size, drive	Φ×w(mm)	Φ230*75				
Tyre size, load	Φ×w(mm)	Φ80*70				
Tyre size, balance	Φ×w(mm)	Φ115*55				
Number of wheels, drive,load,balance(x=drive wheel)	Φ×w(mm)	1X+2/4				
Axle track, driving	b10(mm)	645				
Axle track, loading	b11(mm)	520				
Performance						
Max driving speed(load/unload)	km/h	4/5				
Max lifting speed(load/unload)	mm/s	75/110				
Max descending speed(load/unload)	mm/s	90/75				
Max climbing gradient (load/unload)	%	4/7				
Braking	/	Electromagnetic				
Steering	/	Mechanical steering				
Motor & Battery						
Driving motor	kw	1.3				
Lifting motor	kw	2.2				
Number of battery	pc	4				
Battery	V/Ah	48/85				
Battery weight	kg	96				
Charger	/	48V10A				



HES-B Stand-on Electric Stacker-Premium

- Stand-on design, easy and comfortable to operate
- Loading capacity :1500kg-2000kg, lifting height: 4000-5500mm
- Mast made of H+J+J section steel;forks made of 8mm high strength steel to be sturdy and durable
- 4 sets of 12V85Ah battery, 24V170Ah (24V 210Ah or Lithium battery optional)
- 1500W vertical driving motor
- Electric Power Steering system (EPS) , easy to operate
- Triple mast with free lifting design, forks can be lifted up from 1330mm to 1840mm with the machine height unchanged,especially used for enclosed space



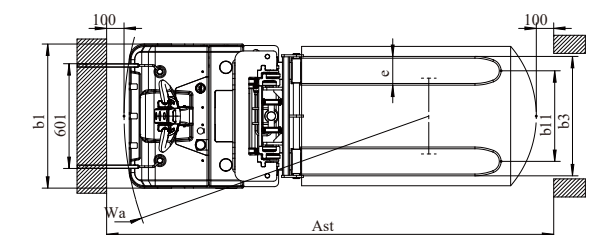
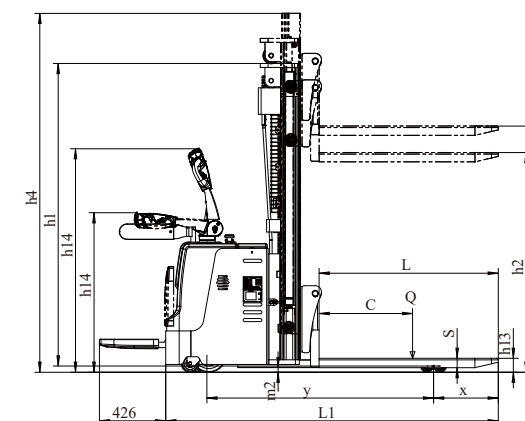
Fixed forks optional



Straddle leg optional



Item	unit	Parameter	
Model	/	HES-B15E	HES-B20E
Max lifting height	h3(mm)	4000/4500/5000/5500	4000/4500/5000/5500
Driving mode	/	Electric	
Operating method	/	Stand-on	
Max loading capacity	Q (kg)	1500	2000
Load center	c (mm)	600	
Front overhang	x (mm)	425	
Wheel base	y (mm)	1460	
Net weight(with battery)-Just for reference	kg	1145/1181/1217/1253	
Overall height, mast lowered	h1(mm)	1990/2160/2330/2500	1990/2160/2330/2500
Free lifting height	h2(mm)	1330/1500/1670/1840	1330/1500/1670/1840
Overall height ,mast extended	h4(mm)	4610/5120/5630/6140	4610/5120/5630/6140
Min. height of fork	h13(mm)	90	
Handle height(Min. /Max.)	h14(mm)	1000/1425	
Overall height (pedal extracted)	l1(mm)	2140	
Fork face back length	l2(mm)	990	
Overall width	b1(mm)	825	
Fork dimension(H/W/L)	s/e/l(mm)	60/165/1150	
Fork outside width	b3(mm)	680	
Ground clearance at wheelbase center	m2(mm)	30	
Aisel width needed, if 800*1200 pallet	Ast(mm)	2570	
Aisel width needed, if 1000*1200 pallet	Ast(mm)	2650	
Turning radius	Wa(mm)	1750	
Wheel chassis			
Wheel type	/	Polyurethane	
Tyre size, drive	Φ×w(mm)	Φ230*75	
Tyre size, load	Φ×w(mm)	Φ80*70	
Tyre size, balance	Φ×w(mm)	Φ115*55	
Number of wheels, drive,load,balance(x=drive wheel)	Φ×w(mm)	1X+2/4	
Axle track, driving	b10(mm)	645	
Axle track, loading	b11(mm)	520	
Performance			
Max driving speed, load/unload	km/h	4/5	
Max lifting speed, load/unload	mm/s	100/150	
Max descending speed, load/unload	mm/s	110/90	
Max climbing gradient (load/unload)	%	3/7	
Braking	/	Electromagnetic	
Steering	/	Mechanical steering	
Motor &Battery			
Driving motor	kw	1.5	
Lifting motor	kw	3	
Number of battery	pc	4	
Battery	V/Ah	24/170(24V210Ah optional)	
Battery weight	kg	96	
Charger	/	24V20A	



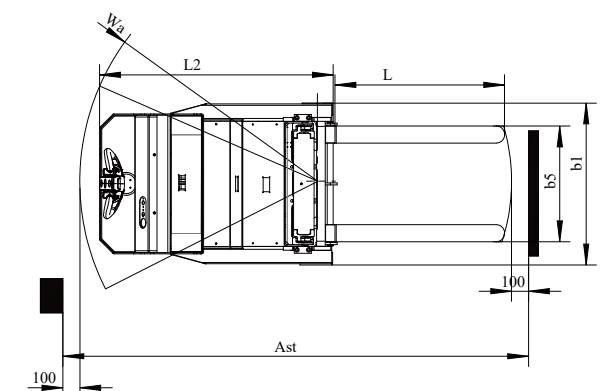
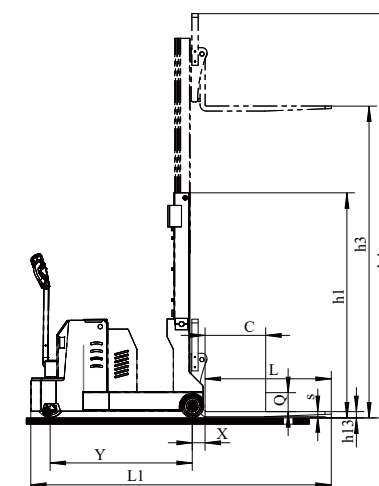
HES-D Walkie Counter Balanced Stacker

- Mast made of C+J section steel, forged forks with 40mm thickness
- Counter balanced model, no leg design, suitable for a wide variety of pallets
- Standard 4 sets of battery, 48V85AH (Lithium battery optional)
- 1000w horizontal Drive



Applicable for a wide variety of pallets

Item	unit	Parameter			
Model	/	HES-D-05A	HES-D-10A	HES-D-15A	
Operation type	/	Walking	Walking	Walking	
Load capacity	Q(kg)	500	1000	1500	
Mast Type	/	Single	Double	Single	Double
Lifting height	h3(mm)	1600	2000/2500/3000/3500	1600	2000/2500/3000/3500
Net weight	kg	960	1030/1065/1100/1135	1300	1330/1365/1385/1410
Load center	c(mm)	500	500	500	500
Front overhang	x(mm)	105	105	105	105
Wheelbase	y(mm)	920	1120	1320	1320
Overall height, mast lowered	h1(mm)	2030	1530/1780/2030/2280	2030	1530/1780/2030/2280
Overall height, mast extended	h4(mm)	2030	2530/3030/3530/4030	2030	2530/3030/3530/4030
Min height of fork	h13(mm)	≤65	≤65	≤65	≤65
Overall length	L1(mm)	2180	2380	2580	2580
Body length	L2(mm)	1175	1375	1575	1575
Overall width	b1/b2(mm)	940	940	940	940
Fork size	s/e/L(mm)	30/100/1000	35/100/1000	40/100/1000	40/100/1000
Fork outer width	b5(mm)	220/680	220/680	220/680	220/680
Ground clearance at center of wheelbase	m2(mm)	40	40	40	40
Aisle width 1000×1200 pallets (1200 placed along the forks)	Ast(mm)	2550	2740	2930	2930
Aisle width 800×1200 pallets (1200 placed along the forks)	Ast(mm)	2520	2710	2900	2900
Turning radius	Wa(mm)	1230	1420	1610	1610
Wheel chassis					
Tyre type	/	Polyurethane	Polyurethane	Polyurethane	Polyurethane
Tyre size, drive	Φ×w(mm)	Φ210*70	Φ210*70	Φ210*70	Φ210*70
Tyre size, load	Φ×w(mm)	Φ180*75	Φ180*75	Φ180*75	Φ180*75
Tyre size, balance	Φ×w(mm)	Φ75*50	Φ75*50	Φ75*50	Φ75*50
Drive, load, balance Qty(X=Drive)	/	1X2/2	1X2/2	1X2/2	1X2/2
Performance					
Driving speed (load/unload)	km/h	4.5/5	4.5/5	4.5/5	4.5/5
Lifting speed (load/unload)	mm/s	100/135	80/120	75/110	75/110
Descending speed (load/unload)	mm/s	100/110	90/100	90/100	90/100
Max. climbing ability (load/unload)	%	5/7	5/7	5/7	5/7
Brake type	/	Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
Steering type	/	Mechanical steering	Mechanical steering	Mechanical steering	Mechanical steering
Motor and Batty					
Driving motor	V/kw	48/1.0	48/1.0	48/1.0	48/1.0
Lifting motor	V/kw	48/2.2	48/2.2	48/2.2	48/2.2
Battery Qty	pc	4	4	4	4
Battery	V/Ah	48/85	48/85	48/85	48/85
Battery weight	kg	96	96	96	96
Charger	/	48V10A	48V10A	48V10A	48V10A



HES-D Stand on Counter Balanced Stacker

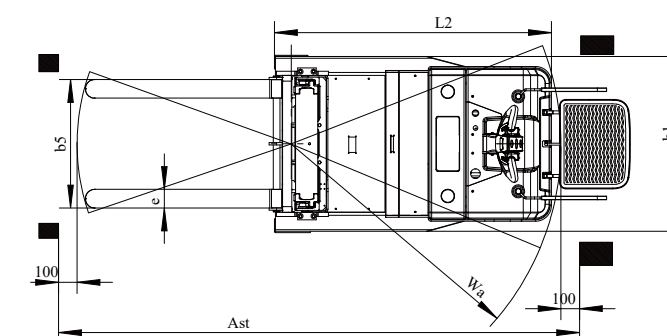
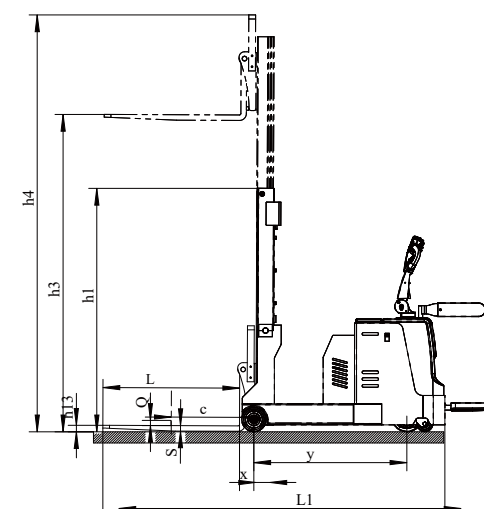
- Counter balanced model,no leg design,suitable for a wide variety of pallets
- Mast made of C and J section steel,forged forks with 40mm thickness
- Standing pedal design for more comfortable operation
- 1 pack of battery,24V210AH(Lithium battery optional)
- 1500w vertical drive
- Electronic power steering system(EPS), more convenient operation



Applicable for
a wide variety of pallets



Item	unit	Parameter			
Model	/	HES-D10E	HES-D15E	HES-D15E	
Operation type	/	Stand on	Stand on	Stand on	
Load capacity	Q(kg)	1000	1500	1500	
Mast type	/	Single	Double	Double	Three
Lifting height	h3(mm)	1600	2000/2500/3000/3500	1600	2000/2500/3000/3500
Net weight	kg	1110	1150/1185/1220/1255	1610	1650/1685/1720/1755
Load center	c(mm)		500		500
Front overhang	x(mm)		105		105
Wheelbase	y(mm)		1100		1100
Overall height,mast lowered	h1(mm)	2030	1530/1780/2030/2280	2030	1530/1780/2030/2280
Overall height,mast extended	h4(mm)	2030	2530/3030/3530/4030	2030	2530/3030/3530/4030
Min height of fork	h13(mm)		≤65		≤65
Overall length	L1(mm)		2580		2585
Body length	L2(mm)		1485		1485
Overall width	b1/b2(mm)		940		940
Fork size	s/e/L(mm)		35/100/1070		40/100/1070
Fork outer width	b5(mm)		220/680		220/680
Ground clearance at center of wheelbase	m2(mm)		40		40
Aisle width 1000×1200 pallets (1200 placed along the forks)	Ast(mm)		2934		2934
Aisle width 800×1200 pallets (1200 placed along the forks)	Ast(mm)		2902		2902
Turning radius	Wa(mm)		1450		1450
Wheel chassis					
Tyre type	/	Polyurethane	Polyurethane	Polyurethane	Polyurethane
Tyre size,drive	Φ×w(mm)	Φ230*75	Φ230*75	Φ230*75	Φ230*75
Tyre size,load	Φ×w(mm)	Φ180*75	Φ180*75	Φ180*75	Φ180*75
Tyre size,balance	Φ×w(mm)	Φ115*50	Φ115*50	Φ115*50	Φ115*50
Drive,load,balance Qty(X=Drive)	/	1X2/2	1X2/2	1X2/2	1X2/2
Performance					
Driving speed (load/unload)	km/h	4.5/5	4.5/5	4.5/5	4.5/5
Lifting speed (load/unload)	mm/s	100/135	80/120	80/120	80/120
Descending speed (load/unload)	mm/s	100/110	90/100	90/100	90/100
Max.climbing ability(load/unload)	%	5/7	5/7	5/7	5/7
Steering type	/	EPS	EPS	EPS	EPS
Brake type	/	Electromagnetic brake	Electromagnetic brake	Electromagnetic brake	Electromagnetic brake
Motor and Batty					
Driving motor	V/kw	24/1.5	24/1.5	24/1.5	24/1.5
Lifting motor	V/kw	24/2.2	24/2.2	24/3.0	24/3.0
Battery Qty	V/Ah	24/210	24/210	24/210	24/210
Battery	V/w	24/200	24/200	24/200	24/200
Battery weight	kg	180	180	180	180
Charger	/	24V30Ah	24V30Ah	24V30Ah	24V30Ah

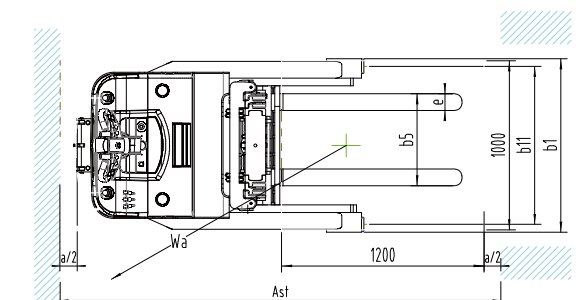
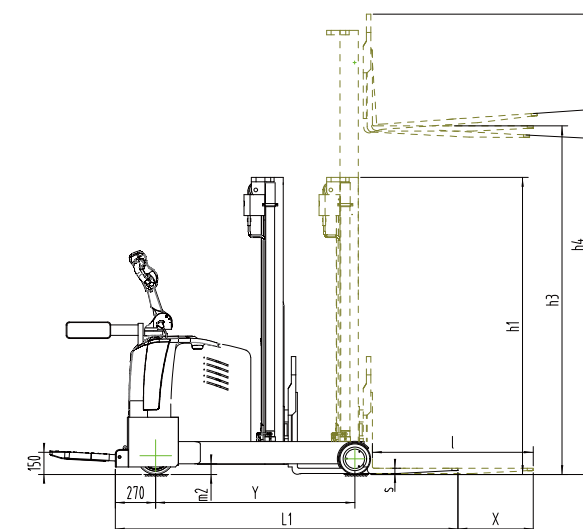


HES-Q Reach Fork Lift Stacker

- Mast made of H+J section steel, forged forks with 40mm thickness
- The standard mast can be moved forward 550mm, customizable as needed
- 1 set of battery, 24V210AH (Lithium battery optional)
- Vertical drive with electronic power steering system (EPS)



Model	unit	CQD15
Operation mode	/	Electric
Driving mode	/	Stand on/EPS
Load capacity	Q(kg)	1500
Load center	c(mm)	500
Forward distance	X(mm)	500
Wheelbase	Y(mm)	1330
Net weight(with battery)	kg	1900
Wheel(rubber, high elastomer, pneumatic, polyurethane)	/	Polyurethane
Wheel size, front	/	Φ210*85
Wheel size, rear	/	Φ250*80
Wheel qty(front/back)(X=drive wheel)	/	1X+2
Rear wheel track	b11(mm)	936
Lifting height	h3(mm)	2500/3000/3500/4500/5000/5250/5500/6000
Front and rear tilt angle	H3(mm)	1/4
Min/max height of operating handle in driving position	h14(mm)	1023 1382
Min height of fork	h13(mm)	35
Overall height, mast lowered	H1(mm)	1740/1990/2240/1990/2226/2310/2393/2560
Overall height, mast extended	H4(mm)	2950/3450/3950/4950/5520/5770/6020/6520
Mast forward distance	mm	500
Overall length	l2(mm)	2280
Overall width	S/e/l(mm)	1026
Fork size	b5(mm)	35*100*1070
Fork outer width	m2(mm)	200-680
Wheelbase center ground clearance	/	70
Aisle width, pallet 800x1200 (1200 placed along the forks)	Ast(mm)	2610
Aisle width, pallet 1000x1200 (1000 placed along the forks)	Ast(mm)	2480
Turning radius	Wa(mm)	1600
Driving speed, load/unload	km/h	5/5.2
Lifting speed, load/unload	m/s	0.14/0.16
Lowering speed, load/unload	m/s	0-0.18
Max. climbing ability(load/unload)	%	5/10
Driving brake	/	Electromagnetic brake
Driving motor	V/kw	24/2.2
Lifting motor	kw	4
Battery	V/Ah	24/210
Battery weight	kg	210



CBY Hand Pallet Truck

■ Reliable and durable due to using strong high quality steel plate and fully automatic welding process

- 3.0mm steel plate for 2T hand pallet truck
- 3.75mm steel plate for 3T hand pallet truck
- 4.75mm steel plate for 5T hand pallet truck

■ With inner fork reinforcement for all hand pallet truck models

■ With auxiliary climbing wheels

CBY-2.0T



Pump for 2T



Pump for 3T

CBY-3.0T



Metal handle



Rubber wrapped handle



Nylon wheels



PU wheels



Rubber wheels

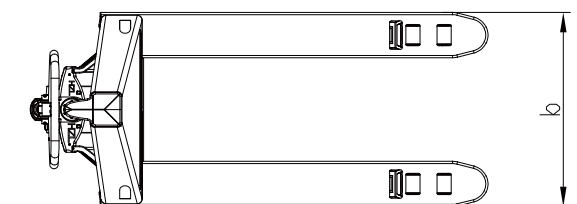
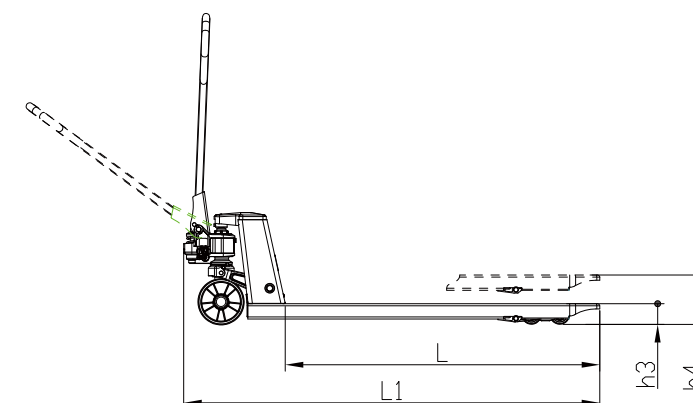
CBY-5.0T



Pump for 5T



Model	unit	CBY-2.0T		CBY-2.5T		CBY-3.0T		CBY-5.0T	
		550*1150	685*1220	550*1150	685*1220	550*1150	685*1220	550*1150	685*1220
Max. Load capacity	kg	2000	2000	2500	2500	3000	3000	5000	5000
Max. lifting height	(h4) mm	190	190	190	190	190	190	190	190
Min. height of fork	(h3) mm	80	80	80	80	80	80	85	85
Overall length	(L1) mm	1560	1630	1560	1630	1560	1630	1560	1630
Overall width	(b) mm	550	685	550	685	550	685	550	685
Single fork length	(L) mm	1150	1220	1150	1220	1150	1220	1150	1220
Pump rod diameter	mm	Φ31.5	Φ31.5	Φ35	Φ35	Φ35	Φ35	Φ45	Φ45
Wheel type	/	Nylon/PU	Nylon/PU	Nylon/PU	Nylon/PU	Nylon/PU	Nylon/PU	Nylon/PU	Nylon/PU
Tyre size,drive	mm	Φ180*50	Φ180*50	Φ180*50	Φ180*50	Φ180*50	Φ180*50	Φ195*50	Φ195*50
Tyre size,load	mm	Φ80*70	Φ80*70	Φ80*70	Φ80*70	Φ80*70	Φ80*70	Φ85*80	Φ85*80
Net weight	kg	61/66	63/68	62/65	64/69	68/73	73/78	107/113	120/126



CBY-3T-Fork Length 600/800/900mm

Model	unit	CBY-3.0T (600)	CBY-3.0T (800)	CBY-3.0T (900)
Max loading capacity	kg	3000	3000	3000
Max lifting height	(h4)mm	190	190	190
Min. height of fork	(h3)mm	80	80	80
Overall length	(L1)mm	1010	1210	1310
Overall width	(b)mm	685/550	685/550	685/550
Single fork length	(L)mm	600	800	900
Fork inside width	mm	365/230	365/230	365/230
Wheel type	/	Nylon/PU	Nylon/PU	Nylon/PU
Tyre size,drive	mm	Φ180*50	Φ180*50	Φ180*50
Tyre size, load	mm	Φ80*70	Φ80*70	Φ80*70
Net weight	kg	57/62	59/64	60/65



CBY-3T-Paper Roll Truck

Model	unit	CBY paper roll truck
Max loading capacity	kg	2500
Max lifting height	(h4)mm	190
Overall width	(b)mm	as required
Single fork length	(L)mm	as required
Tyre size,drive(Nylon/PU)	mm	Φ180*50
Tyre size, load(Nylon/PU)	mm	Φ80*70

CBY-3T-Fork Length 1500/1600/1800/2000mm

Model	unit	CBY-3.0T (1500)	CBY-3.0T (1600)	CBY-3.0T (1800)	CBY-3.0T (2000)
Max loading capacity	kg	3000	3000	3000	3000
Max lifting height	(h4)mm	190	190	190	190
Min. height of fork	(h3)mm	80	80	80	80
Overall length	(L1)mm	1910	2010	2210	2410
Overall width	(b)mm	685/550	685/550	685/550	685/550
Single fork length	(L)mm	1500	1600	1800	2000
Fork inside width	mm	365/230	365/230	365/230	365/230
Wheel type	/	Nylon/PU	Nylon/PU	Nylon/PU	Nylon/PU
Tyre size, drive	mm	Φ180*50	Φ180*50	Φ180*50	Φ180*50
Tyre size, load	mm	Φ80*70	Φ80*70	Φ80*70	Φ80*70
Net weight	kg	94/99	95/100	101/106	107/112



CBY-3T-Fork Outer Width 1000/1200mm

Model	unit	CBY-3T	CBY-3T
Max loading capacity	kg	3000	3000
Single fork length	(L)mm	1220/1150	1220/1150
Max lifting height	(h4)mm	190	190
Min. height of fork	(h3)mm	80	80
Overall length	(L1)mm	1630/1560	1630/1560
Overall width	(b)mm	1000	1200
Tyre size, drive(Nylon/PU)	mm	Φ180*50	Φ180*50
Tyre size,load(Nylon/PU)	mm	Φ80*70	Φ80*70

CBY-3T-Fork Length 2500mm

Model	unit	CBY-3T-2500
Max loading capacity	kg	3000
Fork length	(L)mm	2500
Max lifting height	(h4)mm	190
Min. height of fork	(h3)mm	80
Overall length	(L1)mm	2910
Overall width	(b)mm	685/550
Tyre size,drive (Nylon/PU)	mm	Φ180*50
Tyre size, load(Nylon/PU)	mm	Φ80*70



CBY-3T-Low Profile Pallet Truck

Model	unit	CBY-3T
Max loading capacity	kg	3000
Single fork length	(L)mm	1220/1150
Max lifting height	(h4)mm	190
Min. height of fork	(h3)mm	75
Overall length	(L1)mm	1630/1560
Overall width	(b)mm	685/550
Tyre size, drive(Nylon/PU)	mm	Φ180*50
Tyre size, drive(Nylon/PU)	mm	Φ80*70

HEP-A2.0T/3.0T Electric Pallet Truck Lead-acid Battery

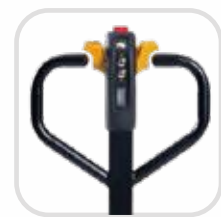
- Ensure full loading capacity 2000-3000kg
- Battery capacity:
 - 2T: 48V20Ah(Lithium battery optional)
 - 3T: 48V32Ah(Lithium battery optional)
- Equipped with DC800/1200W driving motor
- Equipped with emergency reverse brake button to ensure safety

Model	unit	HEP-A2.0T	HEP-A3.0T
Max loading capacity	kg	2000	3000
Load center	mm	600	600
Tyre size, drive	mm	Φ160*55	Φ160*55
Tyre size, load	mm	Φ80*70	Φ80*70
Fork lifting height	mm	80-190	85-190
Fork size	mm	550*1150/685*1220	550*1150/685*1220
Single fork width	mm	160	160
Turning radius	mm	1550	1550
Driving motor	kw	0.8	1.2
Lifting motor	kw	0.65	0.8
Battery(Lead-acid)	V/Ah	48/20	48/32
Net weight	kg	165	180



HEP-B1.5T/2.0T Electric Pallet Truck-Lithium Battery

- Ensure full loading capacity 1500-2000kg
- Battery capacity:
 - 1.5T: 48V10AH (48V15AH or 48V20AH optional)
 - 2.0T: 48V15AH (48V10AH or 48V 20AH optional)
- Pluggable battery, easy to replace
- Equipped with 750/900W horizontal driving motor
- Equipped with emergency reverse brake button to ensure safety

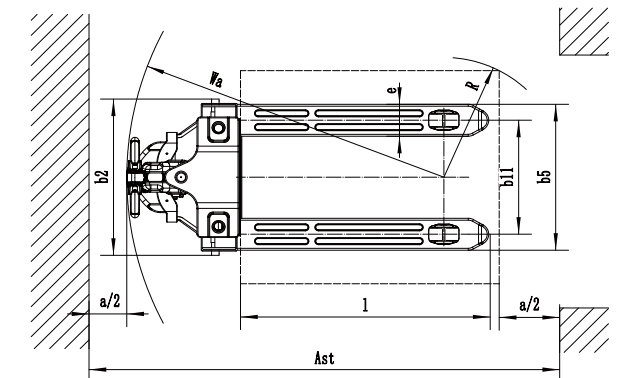
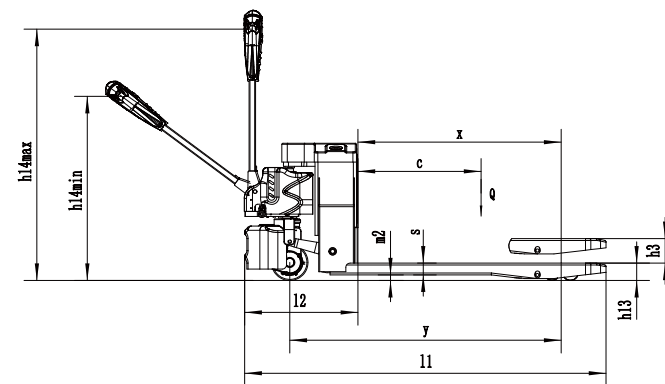


Operating Handle



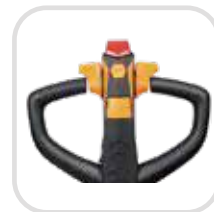
Pluggable battery,
easy to replace

Item	unit	Parameter	
Model	/	HEP-B1.5T	HEP-B2.0T
Driving mode	/	Electric	Electric
Operating type	/	Pedestrian	Pedestrian
Max loading capacity	Q(kg)	1500	2000
Load center	c(mm)	600	600
Load length	x(mm)	880/950	870/940
Wheel base	y(mm)	1170/1110	1190/1260
Net weight	kg	115	140
Wheel type, drive/load	/	Polyurethane	Polyurethane
Tyre size, drive (D*W)	mm	Φ170*53	Φ170*53
Tyre size, load (D*W)	mm	Φ80*61	Φ80*61
Number of wheels, drive/load, balance	mm	1/4/2	1/4/2
Rear track	b11(mm)	535/410	535/410
Max lifting height	h3(mm)	115	115
Min/Max. height of handle in traveling operation position	h14(mm)	690/1130	685/1180
Min. height of fork	h13(mm)	82	82
Overall length(include towing hook)	l1(mm)	1590	1680
Length to vertical plane of forks	l2(mm)	432	525
Overall width	b1/b2(mm)	560 (685)	600 (733)
Fork size	s/e/l(mm)	55/150/1150	55/150/1150
Outside width of forks	b5(mm)	560 (685)	560 (685)
Ground clearance at wheelbase center	m2(mm)	25	25
Aisel width, if 1000*1200 pallet	Ast(mm)	2200	2215
Aisel width, if 800*1200 pallet	Ast(mm)	2110	2120
Turning radius	Wa(mm)	1385	1400
Driving speed,load/unload	km/ h	4.2/4.8	4/4.5
Lifting speed, load/unload	m/s	0.027/0.038	0.025/0.035
Descending speed, load/unload	m/s	0.056/0.041	0.054/0.039
Max climbing gradient, load/unload	%	8/16	8/16
Braking	/	Electromagnetic	Electromagnetic
Drive motor rated powerS2 60mins	kw	0.75	0.9
Lifting motor rated power S3 15%	kw	0.7	0.8
Battery volatge/capacity	V/Ah	48/10	48/15
Battery weight	kg	5	10
Type of drive unit	/	DC	DC
Steering	/	Mechanical	Mechanical



HEP-C3.0T Off-road Electric Pallet Truck

- Ensure full loading capacity 3000kg. Designed for outside use
- Large battery capacity 48V35AH (Lithium battery optional)
- 1KW brushless drive motor
- 300mm outdoor rubber drive wheels, better anti-skid and wear-resistant, less restriction on the usage site



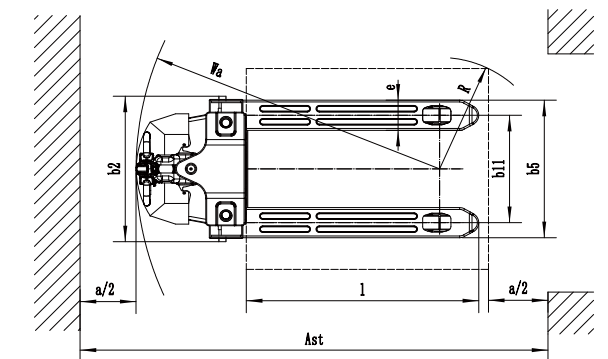
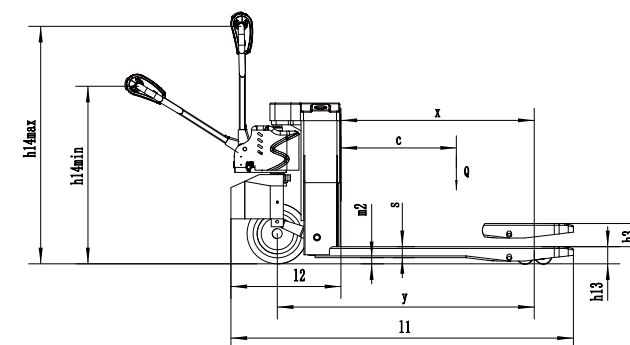
Operating Handle



Off-road wheel



Item	unit	Parameter
Model	/	HEP-C3.0T
Driving mode	/	Electric
Operating method	/	Pedestrian
Max loading capacity	Q(kg)	3000
Load center	c(mm)	600
Load length	x(mm)	905/960
Wheel base	y(mm)	1220/1275
Net weight	kg	210
Wheel type, drive/load	/	Polyurethane
Tyre size, drive (D*W)	mm	Φ300*95
Tyre size, load(D*W)	mm	Φ84*70
Number of wheels, drive/load	mm	1/4
Rear track	b11(mm)	535/410
Max lifting height	h3(mm)	110
Min/Max. height of handle in traveling operation position	h14(mm)	780/1180
Min. height of fork	h13(mm)	85
Overall length(include towing hook)	l1(mm)	1700
Length to vertical plane of forks	l2(mm)	545
Overall width	b1/b2(mm)	600 (725)
Fork size	s/e/l(mm)	55/150/1150
Outside width of forks	b5(mm)	560 (685)
Ground clearance at wheelbase center	m2(mm)	30
Aisel width, if 1000*1200 pallet	Ast(mm)	2260
Aisel width, if 800*1200 pallet	Ast(mm)	2150
Turning radius	Wa(mm)	1450
Driving speed,load/unload	km/ h	4/4.5
Lifting speed, load/unload	m/s	0.032/0.045
Descending speed, load/unload	m/s	0.059/0.043
Max climbing gradient, load/unload	%	8/16
Braking	/	Electromagnetic
Drive motor rated powerS2 60mins	kw	1
Lifting motor rated power S3 15%	kw	0.8
Battery volatge/capacity	V/Ah	48/35
Battery weight	kg	37
Type of drive unit	/	DC
Steering	/	Mechanical



HEP30 Stand-on Electric Pallet Truck

- 4 sets of battery, 24V 170Ah (24V 210Ah or Lithium battery optional)
- 24V1.5KW driving motor, mechanical steering or EPS optional
- Fork made of high quality 5mm thick steel plate with full reinforcement to ensure full loading capacity



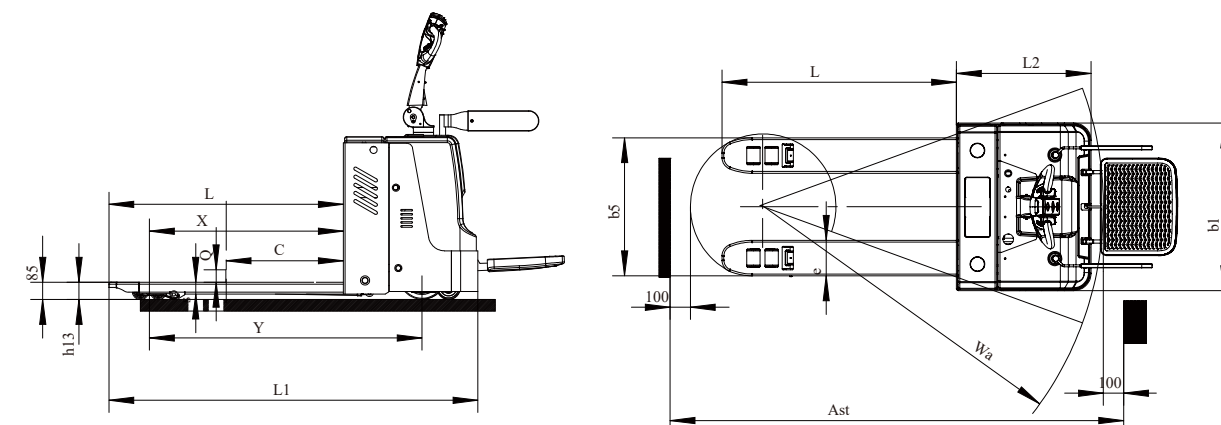
EPS Vertical Driving motor



24V210Ah large capacity battery



Item	unit	Parameter	
Model	/	HEP-30	HEP-30E
Operating type	/	Stand-on	Stand-on
Loading capacity	Q(kg)	3000	3000
Lifting height	h3(mm)	205	205
Net weight	kg	540	650
Load center	c(mm)	600	600
Front overhang	x (mm)	955	955
Wheelbase	y (mm)	1345	1345
Controller	/	AOP	AOP+DO(C)-EPS
Wheel chassis			
Wheel type	/	Polyurethane	Polyurethane
Tyre size, drive	Φ× w(mm)	Φ230*75(Horizontal driving motor)	Φ230*75(Vertical driving motor)
Tyre size, load	Φ× w(mm)	Φ80*70	Φ80*70
Tyre size, balance	Φ×w(mm)	Φ115*50	Φ115*50
Number of wheels (drive/balance/load)	/	1X2/4	1X2/4
Dimension			
Min. height of fork	h13(mm)	85	85
Overall length	L1(mm)	1820	1820
Body length	L2(mm)	665	665
Overall width	b1/b2(mm)	827	827
Fork size	s/e/L(mm)	58/175/1150	58/175/1150
Fork outside width	b5(mm)	550/680	550/680
Ground clearance at wheelbase center	m2(mm)	27	27
Aisel width, if 1000*1200 pallet	Ast(mm)	2400	2400
Aisel width, if 800*1200 pallet	Ast(mm)	2307	2307
Turning radius	Wa(mm)	1370	1370
Performance			
Driving speed,load/unload	(km/h)	5/5.5	5/5.5
Lifting speed, load/unload	(mm/s)	25	25
Descending speed, load/unload	(mm/s)	30	30
Max climbing gradient, load/unload	(%)	5/8	5/8
Braking	/	Electromagnetic	Electromagnetic
Steering	/	mechanical steering	EPS
Motors & Battery			
Driving motor	(V/kW)	24/1.5(Horizontal)	24/1.5(Vertica)
Lifting motor	(V/kW)	24/1.2	24/1.2
Battery	(V/Ah)	24/170	24/210
Steering motor	(V/W)	/	24/200
Battery weight	kg	96	180



DPT Stand-on Electric Towing Tractor

- 2 sets of battery, 24V 85Ah
(24V 170AH, 24V 210Ah or Lithium battery are optional)
- 24V1.5KW Vertical driving motor
- Electric power steering (EPS) to increase operation function
- Standard loading capacity is 3000kgs, heavy loads of 5000kgs also available



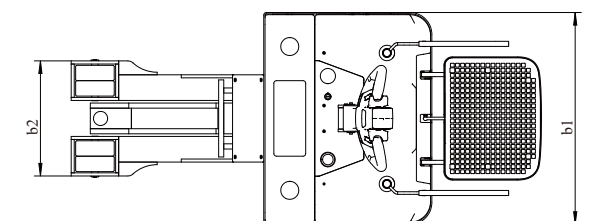
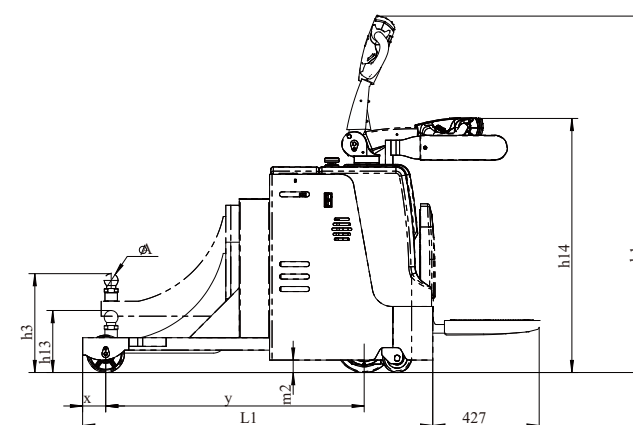
Operating handle



Battery



Item	unit	Parameter
Model	/	DPT3.0
Driving mode	/	Electric
Operating method	/	Stand-on
Loading capacity	Q (kg)	3000
Front overhang	x (mm)	93
Wheelbase	y (mm)	1038
Net weight(with battery)-Just for reference	kg	555
Overall height	h1(mm)	1430
Max lifting height	h3(mm)	385
Min height of hauling device	h13(mm)	250
Height of operating handle(Min./Max.)	h14(mm)	1000/1425
Overall length	l1(mm)	1405
Overall width	b1(mm)	825
Ball diameter	A(mm)	55
Ground clearance at wheelbase center	m2(mm)	50
Wheel chassis		
Wheel type	/	Polyurethane
Tyre size, drive	Φ×w(mm)	Φ230*75
Tyre size, load	Φ×w(mm)	Φ150*50
Tyre size,balance	Φ×w(mm)	Φ115*55
Number of wheels, drive,balance,load (x=drive)	Φ×w(mm)	1X+2/4
Axle track, driving	b10(mm)	644
Axle track, loading	b11(mm)	295
Performance		
Max driving speed(load/unload)	km/h	4/5
Max lifting speed(load/unload)	mm/s	65/95
Max. descending speed(load/unload)	mm/s	75/65
Max climbing gradient (load/unload)	%	3/10
Braking	/	Electromagnetic
Steering	/	EPS
Motors & Battery		
Driving motor	kw	1.5
Lifting motor	kw	1.2
Battery	V/Ah	24/85
Battery weight	kg	48
Charger	/	24V12A



CBY-S Scale Pallet Truck

- With gross weight, tare and totalization functions, protection level according to IP65 standard
- The latest design, meter’s accuracy is 0.1%, and the min. scale is 0.5kg. Customizable 0.1kg.
- Equipped with specially developed compact compression electronics, suitable for mobile weighing.



Model	unit	CBY-S-2.0T	CBY-S-3.0T
Max. loading capacity	kg	2000	3000
Max. lifting height	mm	190	190
Min. height of fork	mm	85	85
Net weight	kg	90	98
Overall length	mm	1570	1570
Overall width	mm	685	550
Single fork length	mm	1160	1160
Fork outside width	mm	680/550	680/550
Fork inside width	mm	365/230	365/230
Wheel	mm	Nylon	PU
Number of wheels, drive/load	/	2/4	2/4
Tyre size, drive	mm	Φ180*50	Φ180*50
Tyre size, load	mm	Φ68*70	Φ70*70

GSF Manual Scissor Lift Pallet Truck

- Suitable for various workplaces, such as warehouse and logistics bases. And can be used in workshops and as a work platform.
- Can be used as a hand pallet truck when the lifting height is below 300mm.



Model	unit	GSF1000	GSF1500
Max loading capacity	kg	1000	1500
Max lifting height	mm	800	800
Min. height of fork	mm	85	85
Fork outside width	mm	550/685	550/685
Fork length	mm	1150	1150
Net weight	kg	140	140

Semi-electric Scissor Lift



Infrared Induction
Optional



Model	unit	EGSF1000	EGSF1500
Max loading capacity	kg	1000	1500
Max lifting height	mm	800	800
Min. height of fork	mm	85	85
Fork outside width	mm	550 /685	550 /685
Fork length	mm	1150	1150
Battery	V/Ah	24/34	24/34
Lifting motor	kw	0.8	0.8
Net weight	kg	150	150

Fully Electric Scissor Lift



Infrared Induction
Optional



Model	unit	EJ1000
Max loading capacity	kg	1000
Max lifting height	mm	800
Min. height of fork	mm	85
Fork outside width	mm	550/685
Fork length	mm	1150
Battery	V/Ah	24/34
Overall length	mm	1676
Net weight	kg	150

CBY-SS Stainless Steel Pallet Truck

- The main advantage of stainless steel pallet truck is their durability. Its surface coating is strong and durable. It is corrosion resistance, moisture proof and non-deformation.
- Stainless steel pallet trucks are widely used in hospitals, laboratories, pharmaceutical facilities, and food processing plants.



Scale Optional



Model	unit	CBY-SS2.0T	CBY-SS3.0T
Max loading capacity	kg	2000	3000
Min. height of fork	H1 (mm)	85	85
Max. height of fork	H (mm)	200	200
Max lifting stroke	mm	115	115
Fork outside width	W (mm)	550/685	550/685
Fork inside width	W1 (mm)	230/365	230/365
Fork length	L1 (mm)	1150/1220	1150/1220
Single fork width	B (mm)	160	160
Fork height	S (mm)	50	50
Overall length	L (mm)	1315-1620	1315-1620
Overall height	H2 (mm)	1245	1245
Pump piston rod	mm	Φ31.5	Φ31.5
Tyre size, load	mm	Φ80*70	Φ80*70
Tyre size, drive	mm	Φ180*50	Φ180*50
Turning radius	mm	1120/1300/1350/1450	1120/1300/1350/1450
Wheel	/	Nylon/Rubber	Nylon/Rubber
Net weight	kg	68/72	72/75
Weight of whole pallet (6pcs / pallet)	kg	430/452	450/468
One pallet dimension	a*b*h	2T 550*1150:2200*550*680	3T 685*1220:2200*700*680

COY Drum Lifter

- Equipped with eagle clip to grab and carry barreled loads



Item	unit	COY0.3A	COY0.3A (Stretchable leg)
Max. load capacity	kg	300	300
Max. lifting height	mm	430	400
Overall size(L*W*H)	mm	1050*875*1200	960*680*1200
Drum diameter	mm	Φ600	Φ600
Drum height	mm	900	900
Front wheel size	mm	Φ180*50 Nylon wheel	Φ180*50 Nylon wheel
Rear wheel size	mm	6 inch nylon universal wheel	6 inch nylon universal wheel
Net weight	kg	60	71

COT Drum Lifter

- Equipped with a grip-type eagle clip and a bottom fixing device for the oil drum;
- The hoop type is optional to increase the stability of the oil drum flipping and pouring process, and is suitable for various types of iron drums/plastic drums.

Model	Unit	COT0.35
Max. load capacity	kg	350
Max. lifting height	mm	1460
Overall size(L*W*H)	mm	1210*920*2030
Drum diameter	mm	Φ600
Drum height	mm	900
Front wheel size	mm	Φ180*50 PU
Rear wheel size	mm	Φ150*40 PU
Net weight	kg	161



Semi Electric/ Electric Drum Stacker

- Improve work efficiency, reduce labor burden, and help enterprise operate efficiently
- Intelligent power system for precise control to easily meet various oil barrel handling needs.
- The lifting height :1460-3000mm



CTD-0.35

HES-A0.35

HES-B0.35



Add hoop

Add flameproof box

Add electric flip

Add electronic scales

Add explosion-proof electronic scale

Model	unit	CTD-0.35	HES-A0.35	HES-B0.35
Max. load capacity	kg	350	350	350
Max. load lift height	mm	1460	1460	1460
Overall size(L*W*H)	mm	1460*910*2090	1438*956*2030	1653*656*2030
Drum diameter	mm	Φ600	Φ600	Φ600
Drum height	mm	900	900	900
Front wheel size	mm	Φ180*50 Nylon	Φ80*70 PU	Φ80*70 PU
Balance wheel size	mm	Φ180*50 Nylon	Φ115*55 PU	Φ115*55 PU
Drive wheel size	mm	/	Φ210*70 PU	Φ230*75 PU
Net weight	kg	267	431	646
Driving motor	V/kw	/	24/1	48/1.3
Lifting motor	V/kw	12V/1.6	24/2.2	48/2.2
Battery	V/Ah	12/85	24/85	48/85

Four-point Counter Balanced Forklift

- Wear-resistant solid tire to ensure long service life
- Large capacity and powerful battery
- Standard wide-body comfortable seat design to make operation more comfortable
- Strong power AC motor,energy saving and high efficiency



Model	unit	CPD10	CPD15	CPD20	CPD25	CPD30
Load capacity	kg	1000	1500	2000	2500	3000
Max.lifting height	mm	3000	3000	3000	3000	3000
Load center	mm	500	500	500	500	500
Turning radius	mm	2050	2280	2280	2370	2300
Truck body length(fork excluded)	mm	1890	2230	2230	2390	2680
Truck body width	mm	1020	1100	1100	1160	1225
Overhead guard height	mm	1860	2110	2110	2110	2200
Overall height,mast lowered	mm	2017	2030	2030	2030	2057
Overall height,mast extended	mm	3957	4055	4055	4055	4200
Fork size(L*W*H)	mm	1070*100*30	1070*100*35	1070*100*40	1070*100*40	1070*122*45
Ground clearance under mast	mm	77	88	88	88	82
Tyre size (front)	mm	15*4 1/2-8	18*7-10	18*7-10	6.5-10	28*9-15
Tyre size (rear)	mm	15*4 1/2-8	16*6-8	16*6-8	16*6-8	18*7-8
Tilt of the mast, front/rear	°	5/10	5/10	5/10	5/10	5/10
Driving motor	kw	5	5	5	9	9
Lifting motor	kw	4.5	4.5	4.5	7.5	9
Battery	V/Ah	60/120	60/160	60/210	72/210	72/260
Max.driving speed (load/unload)	km/h	10/11	9/10	9/10	9/10	10/10
Max.lifting speed (load/unload)	mm/s	220/230	200/200	180/200	210/250	200/300
Max.lowering speed (load/unload)	mm/s	550	450	450	450	450
Max.climbing ability(load/unload)	%	15/20	15/20	15/20	15/20	12/20
Net weight	kg	1530	2100	2530	3150	4150

Model	unit	CPD35	CPD40	CPD45	CPD50
Load capacity	kg	3500	4000	4500	5000
Max.lifting height	mm	3000	3000	3000	3000
Load center	mm	500	500	500	500
Turning radius	mm	2300	2700	2700	2700
Truck body length(fork excluded)	mm	2680	2990	2990	2990
Truck body width	mm	1225	1585	1585	1585
Overhead guard height	mm	2200	2350	2350	2350
Overall height,mast lowered	mm	2057	2340	2340	2340
Overall height,mast extended	mm	4200	4220	4220	4220
Fork size(L*W*H)	mm	1070*122*45	1070*145*50	1070*150*50	1070*150*55
Ground clearance under mast	mm	82	160	160	160
Tyre size (front)	mm	28*9-15	250-15	250-15	250-15
Tyre size (rear)	mm	18*7-8	21*8-9	21*8-9	21*8-9
Tilt of the mast, front/rear	°	5/10	6/12	6/12	6/12
Driving motor	kw	9	18	18	18
Lifting motor	kw	9	16.5	25	25
Battery	V/Ah	72/260	80/300	80/400	80/500
Max.driving speed (load/unload)	km/h	10/10	12/13	12/13	12/13
Max.lifting speed (load/unload)	mm/s	200/300	280/300	270/280	250/280
Max.lowering speed (load/unload)	mm/s	450	450	450	450
Max.climbing ability(load/unload)	%	12/20	15/20	15/20	12/20
Net weight	kg	4400	6660	6850	7100

TF/TFD Manual Lift Table

- The whole vehicle is made of high-quality steel plates and equipped with high-quality oil cylinders, with stable and reliable performance.
- The surface is sprayed with high-quality plastic powder, which has excellent anti-rust performance and is beautiful and durable.
- It adopts anti-pinch scissor fork design and overload protection function to provide strong protection for user safety.
- It adopts domestic high-quality brand PU wheels, which are quality guaranteed and durable.



Single scissor lift table



Double scissor lift table

Model	TF15	TF20	TF30	TF50	TF80	TF100
Load capacity(kg)	150	200	300/500	300/500	800	1000
Table dimension(mm)	700*450*35	700*450*35	815*500*50	815*500*50	1016*510*60	1016*510*60
Min height(mm)	210	210	280	280	390	390
Max height(mm)	720	720	900	900	1000	1000
Number of scissors	Single scissor	Single scissor	Single scissor	Single scissor	Single scissor	Single scissor
Cylinder type	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
Cylinder quantity	1PC	1PC	1PC	1PC	1PC	1PC
Wheel size	4inches	4inches	5inches	5inches	6inches	6inches
Net weight(kg)	39	41kg	63	65	92	92

More table sizes can be customized on demand

Model	TFD15	TFD35A	TFD50	TFD50-B	TFD80	TFD100
Load capacity(kg)	150	350	500	500	800kg	1000kg
Table dimension(mm)	700*450*35	905*510*50	905*500*50	905*500*50	1200*610*60	1200*610*80
Min height(mm)	302	350	360	475	450	510
Max height(mm)	1260	1500	1500	2000	1500	1700
Number of scissors	Double scissors	Double scissors	Double scissors	Three scissors	Double scissors	Double scissors
Cylinder type	Integrated	Integrated	Split	Split	Split	Split
Cylinder quantity	1PC	1PC	1PC	1PC	1PC	2PC
Wheel size	4 inches	5 inches	5 inches	5 inches	5 inches	6 inches
Net weight(kg)	50	88	99	131	145	206

More table sizes can be customized on demand

DP/DPS Electric Lift Table

- Equipped with large-capacity maintenance-free battery, long-lasting and durable
- The built-in power block is equipped with a release valve to control overload and a compensating flow valve to control the descending speed, improving safety performance.
- The heavy-duty cylinder is equipped with an oil drain system that can detect the circuit and stop the table from descending when the hose is broken due to an accident.
- Scissor fork design to prevent injuries during operation



Model	Unit	DP300	DP500	DP800	DP1000
Load capacity	kg	300	500	800	1000
Min height	mm	280	280	380	380
Max height	mm	900	900	1000	1000
Table dimension	mm	950*500*55	950*500*55	1200*610*80	1200*610*80
Wheel diameter	mm	Φ125	Φ125	Φ150	Φ150
Voltage	V	12	12	12	12
Power	kw	0.8	0.8	0.8	0.8
Battery	Ah	60	60	80	80
Charger input voltage	V	220/110	220/110	220/110	220/110
Net weight	kg	110	110	150	150

Model	Unit	DPS350	DPS500	DPS800	DPS1000
Load capacity	kg	350	500	800	1000
Min height	mm	360	360	450	500
Max height	mm	1500	1500	1700	1700
Table dimension	mm	905*500*55	905*500*55	1200*610*80	1200*610*80
Wheel diameter	mm	Φ125	Φ125	Φ125	Φ150
Voltage	V	12	12	12	12
Power	kw	0.8	0.8	0.8	1.1
Battery	Ah	60	60	80	80
Charger input voltage	V	220/110	220/110	220/110	220/110
Net weight	kg	140	160	290	290

DG Stationary Platform

- Equipped with large-capacity maintenance-free battery, long-lasting and durable
- The built-in power block is equipped with a release valve to control overload and a compensation flow valve to control the descending speed to improve safety performance
- The heavy-duty cylinder is equipped with an oil drain system that can detect the circuit and stop the table from descending when the hose ruptures due to an accident.
- The scissor fork design prevents injuries during operation.



Series	Model	Capacity (kg)	Table dimension (mm)	Min height-max height (mm)	Voltage (mm)	Net weight (mm)
Standard stationary electric platform	DG1001	1000	1300*820	205-990mm	380V/220V	180
	DG1002	1000	1600*1000	205-990mm	380V/220V	200
	DG1003	1000	1700*850	240-1300mm	380V/220V	220
	DG1004	1000	1700*1000	240-1300mm	380V/220V	230
	DG1005	1000	2000*850	240-1300mm	380V/220V	230
	DG1006	1000	2000*1000	240-1300mm	380V/220V	250
	DG1007	1000	1700*1500	240-1300mm	380V/220V	400
	DG1008	1000	2000*1700	240-1300mm	380V/220V	470
	DG2001	2000	1300*850	230-1000mm	380V/220V	260
	DG2002	2000	1600*1000	230-1000mm	380V/220V	290
	DG2003	2000	1700*850	250-1300mm	380V/220V	320
	DG2004	2000	1700*1000	250-1300mm	380V/220V	330
	DG2005	2000	2000*850	250-1300mm	380V/220V	330
	DG2006	2000	2000*1000	250-1300mm	380V/220V	350
	DG2007	2000	1700*1500	250-1400mm	380V/220V	460
	DG2008	2000	2000*1800	250-1400mm	380V/220V	550
	DG4001	4000	1700*1200	250-1050mm	380V/220V	410
	DG4002	4000	2000*1200	250-1050mm	380V/220V	450
	DG4003	4000	2000*1000	300-1400mm	380V/220V	520
	DG4004	4000	2000*1200	300-1400mm	380V/220V	540
	DG4005	4000	2200*1000	300-1400mm	380V/220V	530
	DG4006	4000	2200*1200	300-1400mm	380V/220V	560
	DG4007	4000	1700*1500	300-1300mm	380V/220V	630
	DG4008	4000	2200*1800	300-1300mm	380V/220V	720
Stationary electric double scissors	DGS1000	1000	1300*820	305-1780mm	380V/220V	230
	DGS2000	2000	1300*850	360-1780mm	380V/220V	320
	DGS4000	4000	1700*1200	400-2050mm	380V/220V	570
Stationary electric three scissors	DGH1000	1000	1700*1000	470-3000mm	380V/220V	500
	DGH2000	2000	1700*1000	560-3000mm	380V/220V	830
Ultra-low U-shaped platform	DUG1000	1000	1450*1140	85-860mm	380V/220V	240
	DUG1500	1500	1600*1200	105-860mm	380V/220V	370
Ultra-low platform (with ramp)	DDG1000	1000	1450*1140	85-860mm	380V/220V	280
	DDG1500	1500	1600*1160	105-860mm	380V/220V	380
	DDG2000	2000	1600*1160	105-860mm	380V/220V	380

Aluminum Alloy Lifting Platform

This series of products is made of high-strength high-quality aluminum alloy materials, with the advantages of beautiful appearance, small size, light weight, stable lifting, safety and reliability. The "GRACE" aluminum alloy platform has a light and compact structure, equipped with a column-type lifting system, with large load capacity, strong stability, and easy to push.

Product Features:

- Due to its compact structure, it can freely enter and exit small spaces such as elevators. It is widely used in high-altitude operations in factories, hotels, buildings, shopping malls, stations, docks, machine factories, gymnasiums and other places.
- It consumes less electricity, is pollution-free, energy-saving and environmentally friendly; and is equipped with high-strength PU wheels, which will not damage the ground during operation.
- The whole is made of high-strength aluminum profile refined, according to different environment and height needs and other factors, can use single mast, double mast, three mast, four mast, six mast structure, can meet the vast majority of customers single altitude working conditions needs. Support non-standard customization.
- The whole is equipped with a high-strength lifting guardrail device, greatly improving the safety of high-altitude operation
- The column design can significantly reduce the height of the whole machine during transportation, improving the portability of movement and loading and unloading.



Single mast



Double mast



Triple mast



Four mast



Six mast

Product name	Model	Max lifting height	Max operating height	Load capacity (kg)	Platform size (m)	Voltage (V/Hz)	Power (kw)	Net weight (kg)	Overall dimension (m)
Single mast	GTWY6-100	6	7.8	125	0.62*0.62	220/50	0.75	300	1.30*0.82*2.0
	GTWY8-100	8	9.8	125	0.62*0.62	220/50	0.75	320	1.30*0.82*2.0
	GTWY9-100	9	10.8	100	0.62*0.62	220/50	0.75	345	1.30*0.82*2.2
	GTWY10-100	10	11.8	100	0.62*0.62	220/50	0.75	370	1.30*0.82*2.2
Double mast	GTWY6-200S	6	7.8	250	1.38*0.60	220/50	1.5	480	1.45*0.88*1.75
	GTWY8-200S	8	9.8	250	1.38*0.60	220/50	1.5	560	1.55*0.88*2.05
	GTWY9-200S	9	10.8	250	1.38*0.60	220/50	1.5	620	1.55*0.88*2.05
	GTWY10-200S	10	11.8	250	1.38*0.60	220/50	1.5	680	1.55*0.88*2.05
	GTWY12-200S	12	13.8	200	1.48*0.60	220/50	1.5	780	1.65*0.88*2.05
	GTWY14-200S	14	15.8	200	1.58*0.60	220/50	1.5	980	1.75*0.88*2.25
Triple mast	GTWY14-300S	14	15.8	200	1.58*0.8	220/50	1.5	1060	1.75*1.2*2.25
	GTWY15-300S	15	16.8	200	1.58*0.8	220/50	1.5	1120	1.9*1.2*2.5
	GTWY16-300S	16	17.8	200	1.58*0.8	220/50	1.5	1200	2.0*1.2*2.5
Four mast	GTWY14-400S	14	15.8	200	1.58*0.8	220/50	2.2	1350	2.1*1.2*2.25
	GTWY15-400S	15	16.8	200	1.58*0.8	220/50	2.2	1420	2.1*1.2*2.55
	GTWY16-400S	16	17.8	200	1.58*0.8	220/50	2.2	1520	2.1*1.4*2.68
	GTWY18-400S	18	19.8	160	1.60*0.88	220/50	3.0/1.5	1680	3.1*1.4*2.2
	GTWY20-400S	20	21.8	160	1.60*0.88	220/50	3.0/1.5	1850	3.9*1.4*2.2
	GTWY22-400S	22	23.8	160	1.60*0.88	220/50	3.0/1.5	1900	3.9*1.4*2.2
Six mast	GTWY24-400S	24	25.8	160	1.60*0.88	220/50	3.0/1.5	2200	4.3*1.4*2.3
	GTWY16-160	16	17.8	160	1.58*0.88	220/50	2.2/1.5	1580	2.26*1.4*2.30
	GTWY18-160	18	19.8	160	1.58*0.88	220/50	2.2/1.5	1680	2.26*1.4*2.30
	GTWY20-160	20	21.8	160	1.58*0.88	220/50	2.2/1.5	1780	2.26*1.4*2.30
	GTWY21-160	21	22.8	160	1.58*0.88	220/50	2.2/1.5	1880	2.26*1.4*2.30



SJY Mobile Scissor Lift

Product characteristics:

- Adopt high strength steel structure
- Wide working platform
- Strong Load capacity
- Multiple people can work at the same time
- Applicable to lifting equipment maintenance, of construction area, factory, station, airport, field power facilities maintenance, steel structure plant maintenance, etc



Additional drive optional

Model	Capacity (kg)	Platform size (mm)	Lift height (m)	Overall size (mm)	Net weight (kg)
MP-0.5-4	500	2010*830	4	2016*1000*1120	670
MP-0.5-6	500	2010*830	6	2016*1000*1170	720
MP-0.5-6.8	500	2010*830	6.8	2016*1000*1170	800
MP-0.5-8	500	2010*830	8	2016*1000*1260	860
MP-0.5-9	500	2010*830	9	2016*1000*1480	1050
MP-0.5-10	500	2010*1130	10	2016*1290*1540	1280
MP-0.3-11	300	2010*1130	11	2016*1290*1660	1360
MP-0.5-12	500	2500*1210	12	2500*1360*1780	1950
MP-0.5-14	500	2845*1420	14	2845*1620*1895	2450
MP-0.3-16	300	2845*1420	16	2845*1620*2055	2700
MP-0.3-18	300	3060*1620	18	3060*1800*2120	3950
MP-1.0-4	1000	2010*1130	4	2016*1290*1150	1000
MP-1.0-6	1000	2010*1130	6	2016*1290*1310	1130
MP-1.0-8	1000	2010*1130	8	2016*1290*1420	1380
MP-1.0-10	1000	2010*1130	10	2016*1290*1620	1580
MP-1.0-12	1000	2462*1210	12	2465*1360*1780	2400
MP-1.0-14	1000	2845*1420	14	2845*1620*1895	2800

MPGTJZ Mobile Self-propelled Lift

Product characteristics:

- The pedal extension platform can be quickly deployed to the working point
- Foldable fence reduces the size of the whole machine
- Easy to work in small Space
- 25% climbing ability to climb up slopes smoothly
- Rotary chassis for easy maintenance
- Fault codes are automatically displayed for easy access



Model	MPGTJZ-6 (Electric drive)	MPGTJZ-6	MPGTJZ-8	MPGTJZ-10	MPGTJZ-12	MPGTJZ-14
Working height (m)	7.8	7.8	9.8	11.8	13.8	15.8
Platform height(m)	5.8	5.8	7.8	9.8	11.8	13.8
Load capacity(kg)	230	450	450	320	320	227
Extended platform load(kg)	113	113	113	113	113	113
Platform size(mm)	1680*780	2270*1130	2270*130	2270*1130	2270*1130	2630*1130
Overall size-Fence folding(mm))	1820*780*1630	2390*1160*1700	2390*1160*1820	2390*1160*1940	2390*1160*2060	2790*1400*2060
Platform extension (mm)	800	900	900	900	900	900
Minimum ground clearance	106mm/29mm	106mm/29mm	106mm/29mm	106mm/29mm	106mm/29mm	106mm/29mm
Wheelbase (mm)	1357	1865	1865	1865	1865	1865
Turning radius (inner wheel/outer wheel)	0/2m	0/2.5m	0/2.5m	0/2.5m	0/2.5m	0/2.5m
Lifting/driving motor	1.6kw/0.5kw	24v/4.5kw	24v/4.5kw	24v/4.5kw	24v/4.5kw	24v/4.5kw
Travel speed (folding/lifting)	3.5/0.8 km/h	3.5/0.8 km/h	3.5/0.8 km/h	3.5/0.8 km/h	3.5/0.8 km/h	3.5/0.8 km/h
Battery	4*6v/200ah	4*6v/200ah	4*6v/200ah	4*6v/200ah	4*6v/200ah	4*6v/200ah
Charger	24v/25a	24v/30a	24v/30a	24v/30a	24v/30a	24v/30a
Maximum climbing capacity	25%	25%	25%	25%	25%	25%
Maximum operating Angle	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°
Tyre	Φ305*100mm	Φ381*127mm	Φ381*127mm	Φ381*127mm	Φ381*127mm	Φ381*127mm
Net weight	1200kg	2100kg	2250kg	2550kg	2960kg	3300kg

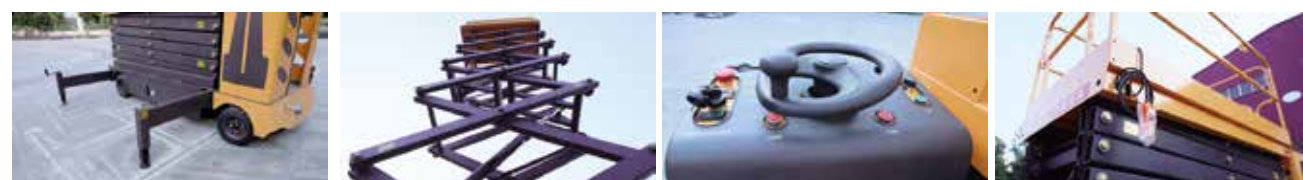
Steering Wheel Self-propelled Scissor Platform

Aerial work platform operation precautions:

- Pull out the legs, turn the upper end of the support screw, adjust the height of the four supports, and correct the lifting platform chassis and the horizontal plane can be lifted; Do not raise without support
- When the downhill road or the platform needs to slow down, use the hydraulic brake pedal on the inner side, and the platform will slow down or stop immediately. Turn off the main power switch on the side when leaving the machine. In case of emergency, you can quickly press the emergency stop button.

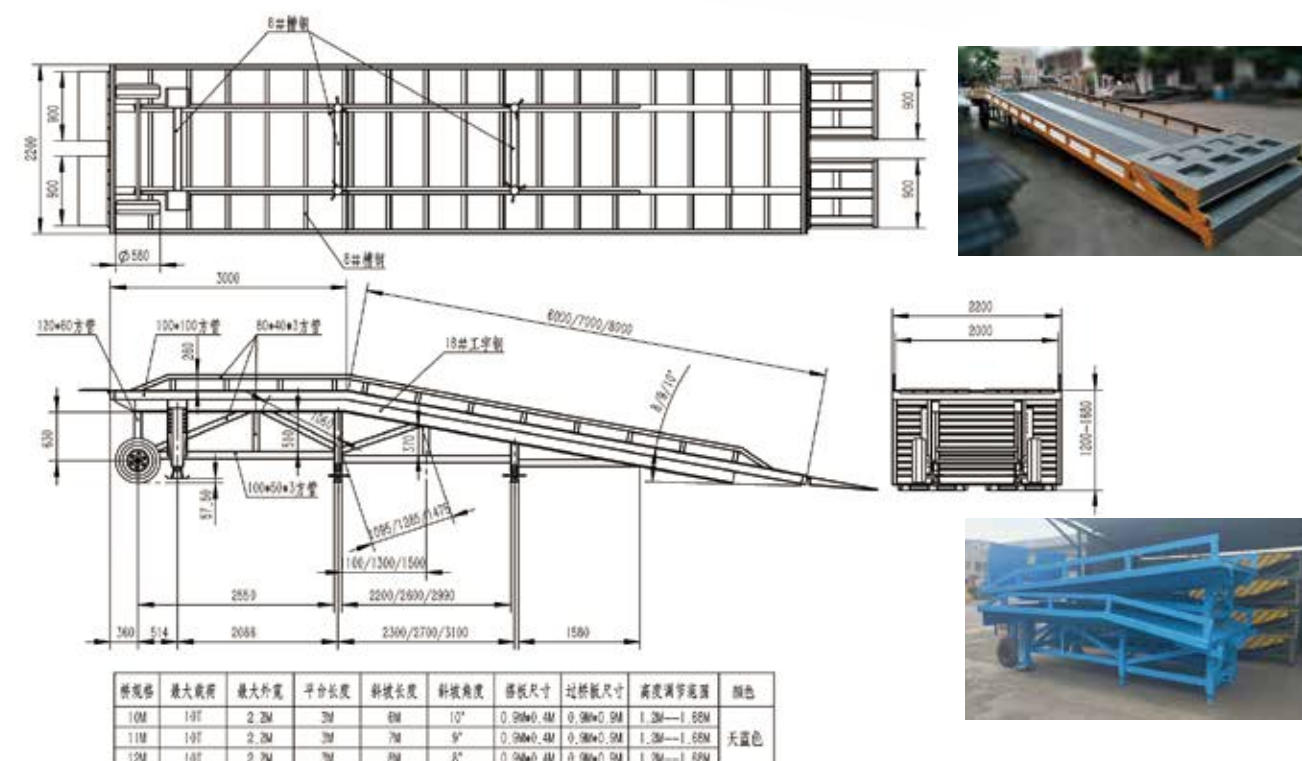
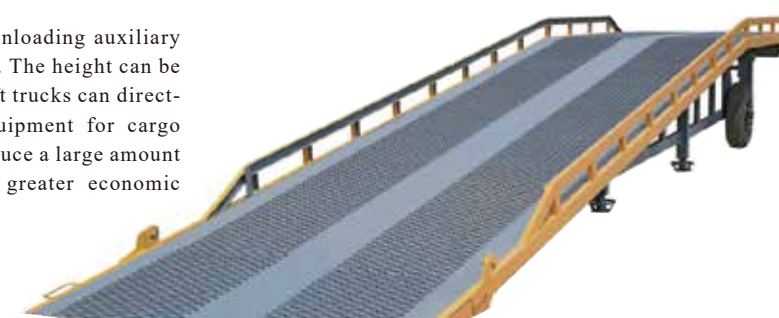


Model	SJZ0.5-7	SJZ0.5-9	SJZ0.5-11	SJZ0.5-13
Load capacity(kg)	500	500	500	300
Max. Platform lift height(mm)	7000	9000	11000	12850
Minimum height of platform(mm)	1120	1240	1370	1495
Platform size(mm)	2150*1140	2150*1140	2150*1140	2150*1140
Leg extension size(mm)	2130*2890	2130*2890	2130*2890	2130*2890
Lifting motor(kw)	2.2	2.2	2.2	2.2
Driving motor(kw)	2.5	2.5	2.5	2.5
Voltage(v)	48	48	48	48
Maximum climbing capacity(%)	10~15	10~15	10~15	10~15
Travel speed (km/h)	4~6	4~6	4~6	4~6
Battery	4*12V/70Ah	4*12V/70Ah	4*12V/70Ah	4*12V/70Ah
Overall length(mm)	2760	2760	2760	2760
Overall width(mm)	1295	1295	1295	1295
Overall height(mm)	2120	2240	2370	2495
Net weight(kg)	1580	1830	1980	2200



Mobile loading ramp

- The mobile loading ramp is a cargo loading and unloading auxiliary equipment used in conjunction with forklift trucks. The height can be adjusted according to the height of the car . Forklift trucks can directly enter the interior of the car through the equipment for cargo loading and unloading. It enables enterprises to reduce a large amount of labor, improve work efficiency, and obtain greater economic benefits.



Fixed loading ramp

- Fixed loading ramp is a special auxiliary equipment to achieve rapid loading and unloading of goods, its height adjustment function uses a bridge between the truck and the cargo platform of the warehouse, forklifts and other moving and loading and unloading of goods inside the truck, only one person operation, can realize the rapid loading and unloading of goods, suitable for all kinds of vehicles on the loading and unloading site and relatively busy places. GRACE products are equipped with anti-skid device: the device is welded by steel plate, which can effectively realize the function of anti-skid, safe and reliable



The standard platform size is 2060*1830mm, and the deadweight tonnage is 8T,10T and 15T. GRACE supports special-shaped customization, and can customize different table sizes, colors and so on according to customer requirements.

Guideway Elevator

Product features:

- Due to the limitations of the plunger, the rail elevator is generally only used on buildings of 2 to 5 storeys.
- The machine room of the rail elevator can be set in any position.
- Small footprint, excellent performance,
- very low probability of failure.
- Can be used indoor and outdoor, wide range of applications.
- The rail elevator only needs 10cm of the pit, which has a natural advantage for underground water pipes or sewer lengths



HWB Tail Lift

It has the characteristics of fast, safe and efficient, which can greatly improve the efficiency of transportation and handling, and is one of the necessary equipment for modern logistics and transportation. "GRACE" truck tail lift through the four-link mechanism and hydraulic cylinder to achieve the reversal and vertical lifting of the tail lift, loading and unloading work can be carried out anytime and anywhere, It is especially convenient to load and unload large and heavy items per unit volume (such as pallets, containers, wheeled equipment, etc.), and can greatly improve the loading and unloading efficiency, save human resources, improve the safety guarantee of operators, and reduce the breakage rate of items in loading and unloading, especially flammable, explosive and fragile items, which are more suitable for tail lift loading and unloading. Widely used in logistics, postal, petrochemical, commercial, manufacturing and other industries



Speedy

The lifting, lowering, upward and downward flipping of the tailgate can be controlled by operating buttons, so that the goods can be easily transferred between the ground and the carriage, and the truck panel can be folded and opened. After folding, the panel can be used as the tailgate of the carriage

Safe

The tail lift makes it easy to load and unload cargo without the need for manpower, thereby avoiding casualties and collision damage to cargo during the loading and unloading process and ensuring loading and unloading safety.

Efficient

The use of tail lift loading and unloading does not require other equipment and is not limited by site and personnel. One person can complete the loading and unloading. It saves resources, improves work efficiency, and can give full play to the economic performance of the vehicle.

- The mechanical analysis and optimization of the four-link mechanism are carried out through engineering mechanics software, and the optimal stress points are selected for the layout design of the vehicle tail lift structure under the installation conditions, so that the service life of the main stress points is more than 15 years under the condition of careful maintenance.
- Made of high strength pattern plate, in line with national inspection standards, not only reduces the overall weight of the tail plate, but also increases the bearing capacity of the plate surface.
- The relevant parts of the tail plate are laser cutting technology to ensure dimensional accuracy. The main steel structure parts of the tail lift are shot peening treatment and then powder spraying treatment, the surface coating strength is better, and the tail lift surface is not easy to rust.

Technical parameters

Model	unit	HWB-1.0T	HWB-1.5T	HWB-2.0T
Plate size	Width (mm)	1600-2400	1600-2400	1600-2400
	Depth (mm)	1800	1800	1800
Lifting weight	kg	1000	1500	2000
Net weight	kg	380	450	480
Lifting slope	/	5°-15°	5°-15°	5°-15°
Motor	/	12V-1.6KW/ 24V-2.2KW	12V-2.2KW/ 24V-2.5KW	24V-2.8KW
Lifting speed	mm/sec	60-80	60-80	60-80
System working pressure	/	≤16Mpa	≤16Mpa	≤16Mpa
Suitable for bottom height	mm	900-1150	900-1150	1150-1500
Lifting arm length	mm(According to the height of the bottom)	750	750	880
Minimum rear length	mm	≥16Mpa	≥16Mpa	≥16Mpa
Can be customized according to customer requirements				

Tail lift configuration

NO#	Item	Specification
1	Plate	4mm thick high strength pattern plate
2	Hydraulic power station	Input 12/24V, 12V2.2KW, 24V2.8KW
3	Control element	Travel switch (TEZUO) /contactor(QUANTE)
4	Control mode	Electric control (Up. Down. Up. Down. Down)
5	Lift cylinder	Hydraulic cylinderφ83*70*40*2/φ93*80*50*2pcs
6	Turn over cylinder	Hydraulic cylinderφ83*70*40*2/φ93*80*50*2pcs
7	Balance cylinder	Hydraulic cylinder φ140*1pc
8	Sealing ring	UN High pressure oil seal (TAIWAN DINGJI)
9	Hydraulic oil	32#Anti-wear hydraulic oil (THE GREAT WALL)
10	Hydraulic oil pipe	Double metal high-pressure tubing
11	Paint	The product is sprayed three times, that is, anti-rust primer + intermediate paint + top paint. Color can be specified
12	Butt strap	Optional
13	Anti-collision rubber pad	Optional

Schematic diagram of each model tail lift



Cantilever tail lift

GRACE cantilever lift tail lift is a five-cylinder automatic balance system product. The hydraulic system has the function of intelligent storage and memory of relative position. Each cylinder can realize sequential action through simple operation, and the operation is more balanced and safe. This type of cylinder is to adjust the tilting cylinder, limit its travel, so that its travel is just to achieve the closing in place, to avoid the collision of the rear of the vehicle with too long running, and is equipped with an anti-collision pad. The model is designed as an integrated power unit structure, which is more convenient to use, beautiful to install, suitable for various places, and more durable. Equipped with electric control box and spiral slingshot wire hand-held remote control, making the operation safer, flexible and convenient.



Aluminium alloy tail lift

GRACE aluminum alloy tail lift is made of high strength aluminum alloy material. Compared with the conventional tail lift, the most significant feature of the aluminum alloy tail lift is that the product itself is small, light weight and excellent load performance. Aluminum alloy tail lift also has the function of energy saving and environmental protection, reducing automobile fuel energy consumption, and is more and more favored by consumers with its compact structure, beautiful appearance, convenient installation and operation.

Product show



Some non-standard customized cases



■ Small Semi Electric Stacker



■ Roller Semi-electric Stacker
(fork type replaceable)



■ Counterweight Semi-Electric Stacker
(No leg design)



■ Staddle Leg Semi-electric Stacker



■ Widened Lifting Frame Semi-electric Stacker



■ Various Fork Design

Some non-standard customized cases



■ Extenal Fork Series



■ Hook Series



■ Customized Electric stand-on
Boom Stacker



■ Customized Walkie Stacker
(Extended fork)



■ Customized Walkie
Counterbalanced Stacker
(Fork movable from sideways)



■ Customized Electric Lifting
Bucket Stacker
(Stainless steel hopper,
with wire control)

Factory Photo



Certificate



Shipping and Packaging

