

CPD15/18/20/25 /30/35/38

A3H4-M A5H4-S/M A5XH4-S



1.5-3.8 t

H4 Series Battery Powered
Counterbalance Forklift truck



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* Our products are subject to improvements and changes without notice.

Lead & Lithium Are Ready To Go.

H4 series 1.5-3.8 t battery powered counterbalance forklift truck emerge as the times require

People oriented design concept / inheritance family design concept
seek breakthrough in a appearance / showing dynamic charm in design details



Comfort and energy saving

01~02

The user experience is fully considered, and the superior operating space design provides high driving comfort.



Stable and Reliable

03~04

CAE analysis, component bench test and whole truck strengthening test are used to ensure reliability.



Intelligent security

05

Intelligent control and protection improve the safety of drivers.



Convenient maintenance

06

More convenient maintenance operation improves the maintenance efficiency of after-sale services.

Comfort and energy saving

The user experience is fully considered, and the superior operating space design provides high driving comfort.

Wide view mast design, wide front view

The big handle and the super spacious cab design are suitable for people of different heights.

Steering wheel start steering (optional)

P, E, S three speed regulation

P	Powerful	Multi gear performance mode can be freely selected according to actual working conditions.
E	Economics	
S	Energy saving	

The whole truck is equipped with LED lighting system as standard, with high brightness, long service life and more energy saving

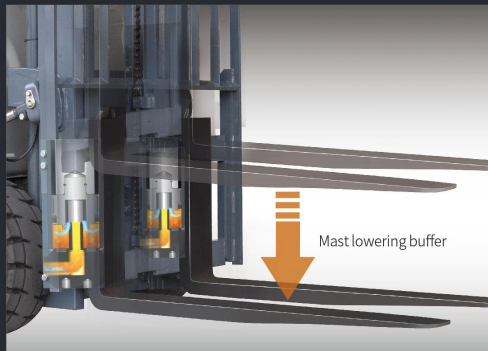
Reversing horn handle (s optional, M standard)



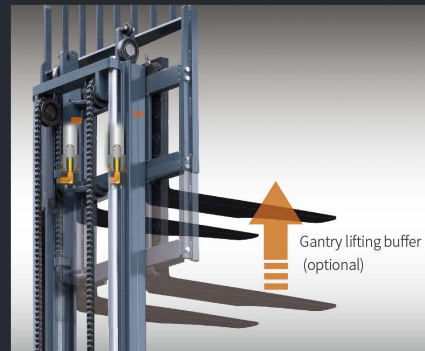
Semi enclosed shock-absorbing seat offers high comfort.



Electric special pattern tyre has low driving damping.



Mast lowering buffer



Gantry lifting buffer (optional)

Right set operating valve stem offers good operation comfort.

Intelligent color screen instrument offers more friendly human-computer interaction.



Graphical interface design / Chinese fault display / integrated handheld unit function / optional integrated vehicle networking function

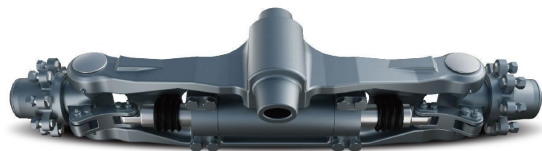


Full package design of instrument panel; Water cup holder, mobile phone storage space, USB interface (optional for S, standard for M)

Stable and Reliable

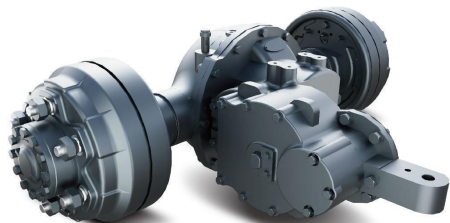
CAE analysis, component bench test and whole truck strengthening test are used to ensure reliability.

Reliable components



Steering axle:

Cast axle body, tapered roller bearing



Drive axle:

integral brake drum, integral cast axle housing, half shaft oil seal design, high-precision gear with large coincidence



Mast:

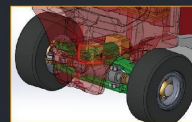
Borrowing the main components of mature mast of internal combustion forklift truck

Sheet metal stamping side cover

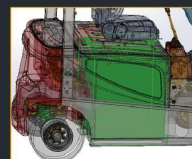
All metal anti-skid pedal



Good lateral stability of the whole truck and guaranteed safety during operation



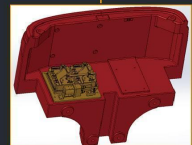
High rotation point steering axle



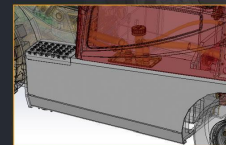
Middle and sink layout of the battery



Good heat dissipation



The electric control is placed on the counterweight



Side mounted welded oil tank

Test verification



Rain test

Simulate the operation under 15min rainstorm, reach IPx4 protection grade, and meet the needs of outdoor operation.



Cold storage test

The whole truck can run continuously after 5 hours of alternating operation in the -20°C cold storage and 12 hours of parking in the cold storage.



Vehicle vibration test

The vibration frequency of the whole truck is tested to optimize and improve the operating comfort.



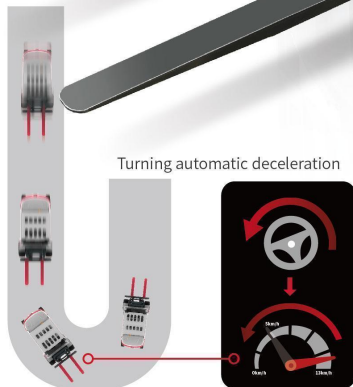
Reliability endurance test

800 hour strengthening of the whole truck (including climbing, rain, bumpy road, etc.).

Intelligent security

Intelligent control and protection
improve the safety of drivers.

- Dual core controller
- OPS protection
(standard driving OPS / optional hydraulic OPS)
- Hydraulic burst protection,
forward tilting self-locking
protection
- Electrical multiple protection
(short circuit protection, overheat protection,
low power protection, sequence protection)
- Parking safety reminder
- Reminder through slow
sliding on ramp
- Turning automatic
deceleration (optional)



- Flexible battery charging mode (can be charged with the truck or replaced)
- Pump, pump motor, controller and other main electrical components are located on the counterweight, which is convenient for maintenance.
- Friendly interface



ADMIN

1.SW MONITOR	7.P.M.SET
2.OPERATE MONITOR	8.BDI SET
3.TEMP MONITOR	9.STEER SET
4.CUR MONITOR	10.T.M.CUR SET
5.USER.SET	11.T.S.CUR SET
6.T.M. SET	12.P.M.CUR SET

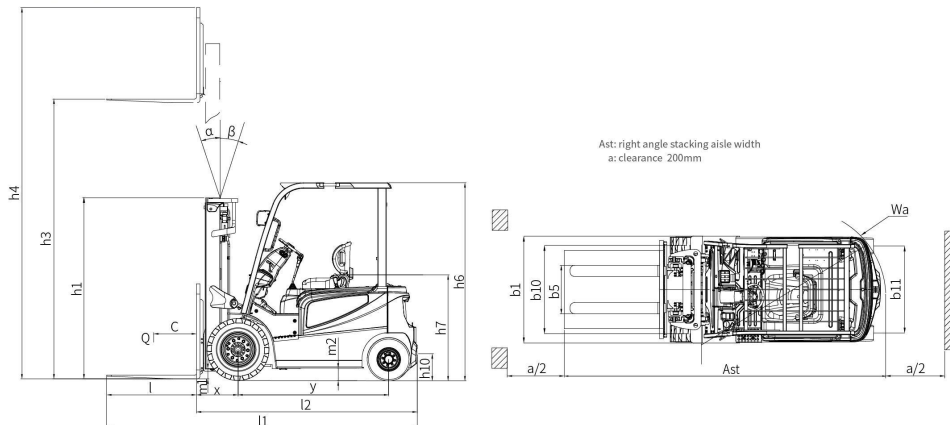


Convenient maintenance

More convenient maintenance
operation improves the maintenance
efficiency of after-sale
services.

Manufacturer and Technical Data (Table 1)

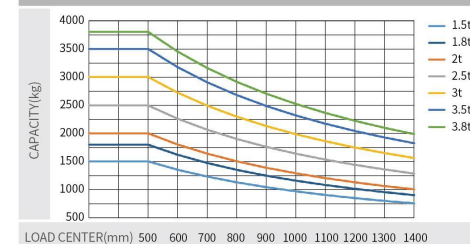
Characteristics			VIFT			
1.01	Manufacturer					
1.02	Model		CPD15	CPD18	CPD15	CPD18
1.03	Configuration number		A3H4-M/ A5H4-M	A3H4-M/ A5H4-M	A5H4-S	A5H4-S
1.04	Rated capacity	Q	kg	1500	1800	1500
1.05	Load center distance	c	mm			500
1.06	Power mode				Battery	
1.07	Driving mode				Seated	
1.08	Front overhang	x	mm		409	
1.09	Wheelbase	y	mm		1475	414
Weight						
2.01	Total weight (with/without battery)		kg	3125/2365	3175/2415	3050/2350
2.02	Axle load (laden,front/rear)		kg	3963/662	4431/544	3934/616
2.03	Axle load (unladen,front/rear)		kg	1547/1578	1540/1635	1518/1532
Tyres						
3.01	Tyre type				Pneumatic tyre	
3.02	Tyre size,front				6.50-10-10PR	
3.03	Tyre size,rear				16×6-8-10PR	6.50-10-12PR
3.04	Wheels,number front/rear (x=driven wheels)				2/2	
3.05	Tread, front	b10	mm		934	
3.06	Tread, rear	b11	mm		920	
Dimensions						
4.01	Mast tilt angle (forward/backward)	α/β	°		6/8	
4.02	Height (mast lowered)	h1	mm		1995	
4.03	Free lifting height	h2	mm		155	
4.04	Lifting height (standard)	h3	mm		3000	
4.05	Max. height,extended (with backrest)	h4	mm		4014	
4.06	Height of overhead guard	h6	mm		2130	
4.07	Seat height relating to SiP (to ground)	h7	mm		1125	
4.08	Towing coupling height	h10	mm		250	
4.09	Overall length (with fork)	l1	mm		3120	3125
4.10	Overall length (without fork)	l2	mm		2200	2205
4.11	Overall width	b1	mm		1120	
4.12	Fork carriage,according to ISO2328	s/e/l	mm		2A	
4.13	Fork size:thickness x width x length				35×100×920	40×100×920
4.14	Distance across fork-arms, Max./Min.	b5	mm		960/200	
4.15	Distance across fork-arms, Max./Min.	m1	mm		100	
4.16	Ground clearance (center of wheelbase)	m2	mm		95	
4.17	Right angle stacking aisle width for pallet 1000×1200mm (the side of 1200mm is placed across the forks.)	Ast	mm	3575		3580
4.18	Right angle stacking aisle width for pallet 800×1200mm (the side of 1200mm is placed along the forks.)	Ast	mm	3770		3775
4.19	Min. outside turning radius	Wa	mm		1920	
Performance Data						
5.01	Travel speed (laden/unladen)		km/h	14.5/15	14.5/15	12/13
5.02	Lift speed (laden/unladen)		m/s	0.320/0.440	0.290/0.440	0.290/0.400
5.03	Lowering speed (laden/unladen)		m/s		0.400/0.400	0.270/0.400
5.04	Max.drawbar pul (laden/unladen)		N	10200/9700	10200/9800	10200/9700
5.05	Max.gradeability (laden/unladen)		%	17/27	15/26	15/23
5.06	Acceleration time(10 m)(laden/unladen)		s	5.5/5.2	5.6/5.3	6.0/5.7
Battery						
6.01	Battery,according to DIN				43531A	
6.02	Battery voltage/Capacity (K5)		V/Ah	48/480	48/480	48/400
6.03	Battery weight		kg	760	760	700
Motor and controller						
7.01	Driving motor powering (S2-60min)		kW		8	
7.02	Lifting motor powering (S3-15%)		kW		10.6	
7.03	Driving motor controlling mode				MOSFET/AC	
7.04	Lifting motor controlling mode				MOSFET/AC	
Addition data						
8.01	Service brake/Parking brake				Hydraulic/Mechanical	
8.02	Operating pressure for attachments		Mpa		16	



Manufacturer and Technical Data (Table 2)

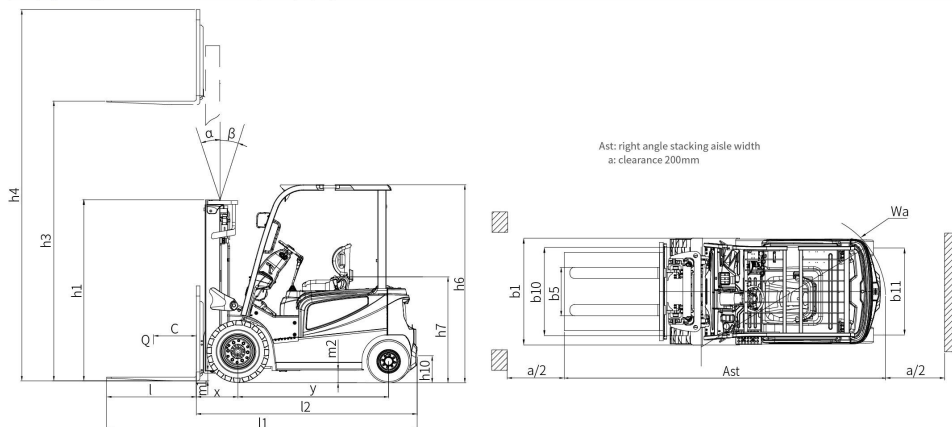
Characteristics						
1.01	Manufacturer			V I F T		
1.02	Model			CPD20	CPD25	CPD20
1.03	Configuration number			A3H4-M/ A5H4-M	A3H4-M/ A5H4-M	A5H4-S
1.04	Rated capacity	Q	kg	2000	2500	2000
1.05	Load center distance	c	mm			500
1.06	Power mode					Battery
1.07	Driving mode					Seated
1.08	Front overhang	x	mm			460
1.09	Wheelbase	y	mm			1660
Weight						
2.01	Total weight (with/without battery)		kg	4030/3100	4190/3260	3940/3100
2.02	Axle load (laden,front/rear)		kg	5300/730	6010/680	5220/720
2.03	Axle load (unladen,front/rear)		kg	2050/1980	2140/2150	2030/1930
Types						
3.01	Tyre type				Pneumatic tyre	
3.02	Tyre size,front				7.00-12-14PR	
3.03	Tyre size,rear				18×7-8-14PR	
3.04	Wheels,number front/rear (x=driven wheels)				2/2	
3.05	Tread, front	b10	mm		970	
3.06	Tread, rear	b11	mm		960	
Dimensions						
4.01	Mast tilt angle (forward/backward)	α/β	°		6/10	
4.02	Height (mast lowered)	h1	mm		2000	
4.03	Free lifting height	h2	mm		165	
4.04	Lifting height (standard)	h3	mm		3000	
4.05	Max. height,extended (with backrest)	h4	mm		4320	
4.06	Height of overhead guard	h6	mm		2170	
4.07	Seat height relating to SIP (to ground)	h7	mm		1154	
4.08	Towing coupling height	h10	mm		300	
4.09	Overall length (with fork)	l1	mm	3354	3504	3354
4.10	Overall length (without fork)	l2	mm		2434	
4.11	Overall width	b1	mm		1180	
4.12	Fork carriage,according to ISO2328	s/e/l	mm		2A	
4.13	Fork size:thickness x width x length			40×122×920	40×122×1070	40×122×920
4.14	Distance across fork-arms, Max./Min.	b5	mm		1030/250	
4.15	Distance across fork-arms, Max./Min.	m1	mm		100	
4.16	Ground clearance (center of wheelbase)	m2	mm		125	
4.17	Right angle stacking aisle width for pallet 1000×1200mm (the side of 1200mm is placed across the forks.)	Ast	mm		3753	
4.18	Right angle stacking aisle width for pallet 800×1200mm (the side of 1200mm is placed along the forks.)	Ast	mm		3953	
4.19	Min. outside turning radius	Wa	mm		2140	
Performance Data						
5.01	Travel speed (laden/unladen)		km/h	14.5/15	14.5/15	12/13
5.02	Lift speed (laden/unladen)		m/s	0.320/0.440	0.290/0.440	0.290/0.400
5.03	Lowering speed (laden/unladen)		m/s		0.360/0.460	
5.04	Max.drawbar pull (laden/unladen)	N		13600/13000	14000/13300	13600/13000
5.05	Max.gradeability (laden/unladen)	%		17/26	15/25	15/25
5.06	Acceleration time(10 m)(laden/unladen)	s		5.9/5.0	6.1/5.0	6.0/5.3
Battery						
6.01	Battery,according to DIN				43531A	
6.02	Battery voltage/Capacity (K5)		V/Ah	48/600	48/600	48/500
6.03	Battery weight		kg	930	930	840
Motor and controller						
7.01	Driving motor powering (S2-60min)		kW		11	
7.02	Lifting motor powering (S3-15%)		kW		12	
7.03	Driving motor controlling mode				MOSFET/AC	
7.04	Lifting motor controlling mode				MOSFET/AC	
Addition data						
8.01	Service brake/Parking brake				Hydraulic/Mechanical	
8.02	Operating pressure for attachments		Mpa		16	

Load curve

**Note:**

The vertical axis stands for load capacity and the horizontal axis stands for load center which is calculated from the front surface of the forks to the gravity of the standard load. The standard load means a cubic with 1000mm edge length. When mast is tilted forward, using non-standard forks or loading large goods, the load capacity will be reduced. The load capacity of standard mast at different load center can be known from this load chart.

Manufacturer and Technical Data(Table 3)									
Characteristics									
1.01	Manufacturer				V I F T				
1.02	Model				CPD30		CPD35		CPD38
1.03	Configuration number				A3H4-M/ A5H4-M		A3H4-M/ A5H4-M		A5H4-S
1.04	Rated capacity		Q	kg	3000		3500		3800
1.05	Load center distance		c	mm					
1.06	Power mode								
1.07	Driving mode								
1.08	Front overhang		x	mm	477		482		482
1.09	Wheelbase		y	mm	1750				1780
Weight									
2.01	Total weight (with/without battery)			kg	4995/3685		5310/4000		4900/3700
2.02	Axle load (laden, front/rear)			kg	7095/900		7915/895		7075/825
2.03	Axle load (unladen, front/rear)			kg	2455/2540		2465/2845		2390/2510
Types									
3.01	Tyre type				Pneumatic tyre(front tyre)/Solid tyre(rear tyre)				
3.02	Tyre size, front				28×9-15-14PR				28×12.5-15-24PR
3.03	Tyre size, rear				18×7-8				200/50-10
3.04	Wheels, number front/rear (x=driven wheels)				2/2				
3.05	Tread, front		b10	mm	1000				1080
3.06	Tread, rear		b11	mm	970				970
Dimensions									
4.01	Mast tilt angle (forward/backward)		α/β	°				6/10	
4.02	Height (mast lowered)		h1	mm	2070		2120	2070	2120
4.03	Free lifting height		h2	mm			155		160
4.04	Lifting height (standard)		h3	mm			3000		
4.05	Max. height, extended (with backrest)		h4	mm			4217		
4.06	Height of overhead guard		h6	mm			2180		2185
4.07	Seat height relating to SIP (to ground)		h7	mm			1164		
4.08	Towing coupling height		h10	mm			310		
4.09	Overall length (with fork)		l1	mm	3637		3642		3637
4.10	Overall length (without fork)		l2	mm	2567		2572		2567
4.11	Overall width		b1	mm			1260		1392
4.12	Fork carriage, according to ISO2328		s/e/l	mm			3A		
4.13	Fork size: thickness x width x length				45×125×1070		50×125×1070	45×125×1070	50×125×1070
4.14	Distance across fork-arms, Max./Min.		b5	mm			110	1060/250	
4.15	Distance across fork-arms, Max./Min.		m1	mm			135		125
4.16	Ground clearance (center of wheelbase)		m2	mm			3912		140
4.17	Right angle stacking aisle width for pallet 1000×1200mm (the side of 1200mm is placed across the forks.)		Ast	mm	3912		3917	3912	3917
4.18	Right angle stacking aisle width for pallet 800×1200mm (the side of 1200mm is placed along the forks.)		Ast	mm	4115		4117	4115	4117
4.19	Min. outside turning radius		Wa	mm	2235		2235	2235	2270
Performance Data									
5.01	Travel speed (laden/unladen)			km/h	14.5/15		14.5/15	12/13	12/13
5.02	Lift speed (laden/unladen)			m/s	0.320/0.440		0.290/0.440	0.290/0.400	0.270/0.400
5.03	Lowering speed (laden/unladen)			m/s				0.400/0.400	
5.04	Max.drawbar pull (laden/unladen)		N		16300/15800		17000/16600	16300/16000	16900/15900
5.05	Max.gradeability (laden/unladen)		%		17/26		15/23	15/25	15/22
5.06	Acceleration time(10 m)(laden/unladen)		s		5.7/5.1		6.1/5.2	5.8/5.3	6.3/5.4
Battery									
6.01	Battery, according to DIN							43536A	
6.02	Battery voltage/Capacity (K5)			V/Ah	80/480		80/480	80/400	80/400
6.03	Battery weight			kg	1310		1310	1200	1200
Motor and controller									
7.01	Driving motor powering (S2-60min)			kW				15	
7.02	Lifting motor powering (S3-15%)			kW				16	
7.03	Driving motor controlling mode							MOSFET/AC	
7.04	Lifting motor controlling mode							MOSFET/AC	
Addition data									
8.01	Service brake/Parking brake							Hydraulic/Mechanical	
8.02	Operating pressure for attachments			Mpa				16	



1.5t/1.8t/2t(E) Mast parameters														
Mast type	Mast model	Max. lifting height (mm)	Load capacity (kg)			Height (mm)		Free lift height (with backrest) (mm)		Service weight (kg)				
			1.5t	1.8t	2t(E)	1.5-1.8t	2t(E)	1.5-1.8t	2t(E)	1.5t-S	1.5t-M	1.8t-S	1.8t-M	Mast tilt angle α/β (°)
2-stage standard Mast	M200	2000	1500	1800	2000	1495	1495	155	155	2986	3061	3036	3111	6/8
	M250	2500	1500	1800	2000	1745	1745	155	155	3018	3093	3068	3143	6/8
	M300	3000	1500	1800	2000	1995	1995	155	155	3050	3125	3100	3175	6/8
	M330	3300	1500	1800	2000	2145	2145	155	155	3069	3144	3119	3194	6/8
	M350	3500	1500	1800	2000	2245	2245	155	155	3082	3157	3132	3207	6/8
	M370	3700	1500	1800	2000	2345	2345	155	155	3095	3170	3145	3220	6/6
	M400	4000	1500	1800	2000	2545	2545	155	155	3143	3218	3193	3268	6/6
	M425	4250	1500	1800	1950	2670	2670	155	155	3160	3235	3210	3285	6/6
	M450	4500	1450	1750	1750	2795	2795	155	155	3176	3251	3226	3301	6/6
	M500	5000	1300	1600	1500	3045	3045	155	155	3208	3283	3258	3333	6/6
2-stage full free mast	M550	5500	1200	1500	1300	3345	3345	155	155	3270	3345	3320	3395	3/6
	M600	6000	1200	1500	900	3595	3595	155	155	3302	3377	3352	3427	3/6
	ZM200	2000	1500	1800	2000	1495	1495	485	485	3035	3110	3085	3160	6/8
	ZM250	2500	1500	1800	2000	1745	1745	735	735	3067	3142	3117	3192	6/8
	ZM300	3000	1500	1800	2000	1995	1995	985	985	3101	3176	3151	3226	6/8
	ZM330	3300	1500	1800	2000	2145	2145	1135	1135	3123	3198	3173	3248	6/8
	ZM350	3500	1500	1800	2000	2245	2245	1235	1235	3138	3213	3188	3263	6/8
	ZM370	3700	1500	1800	2000	2345	2345	1335	1335	3150	3225	3200	3275	6/6
	ZM400	4000	1500	1800	2000	2545	2545	1535	1535	3198	3273	3248	3323	6/6
	ZM425	4250	1500	1800	1900	2670	2670	1660	1660	3217	3292	3267	3342	6/6
3-stage full free mast	ZM450	4500	1450	1750	1750	2795	2795	1785	1785	3236	3311	3286	3361	6/6
	ZM500	5000	1300	1600	1500	3045	3045	2035	2035	3270	3345	3320	3395	6/6
	ZM550	5500	1200	1500	1300	3345	3345	2235	2235	3331	3406	3381	3456	6/6
	ZM600	6000	1200	1500	900	3595	3595	2585	2585	3365	3440	3415	3490	6/6
	ZSM360	3600	1500	1800	2000	1790	1790	785	785	3149	3224	3199	3274	6/6
	ZSM400	4000	1500	1800	2000	1925	1925	920	920	3173	3248	3223	3298	6/6
	ZSM435	4350	1450	1750	1850	2040	2040	1035	1035	3198	3273	3248	3323	6/6
	ZSM450	4500	1400	1700	1750	2090	2090	1085	1085	3209	3284	3259	3334	6/6
	ZSM470	4700	1350	1650	1650	2160	2160	1155	1155	3225	3300	3275	3350	6/6
	ZSM480	4800	1300	1600	1650	2190	2190	1185	1185	3232	3307	3282	3357	6/6

Note: * Indicates the rated load capacity of the front wheel with twin tyres; 2t(E) indicates that the truck type is CPD20-ASX4-S. When the front wheels of 1.5-1.8t are twin tyres (pneumatic tyres) and twin tyres (solid tyres), the service weight is increased by 58kg and 104kg respectively according to the table data.
 2-stage full free mast: 1.5-2t(E): When there is no backrest, the free lifting height increases by 379mm.
 3-stage full free mast: 1.5-2t(E): When there is no backrest, the free lifting height increases by 484mm.

2t/2.5t Mast parameters														
Mast type	Mast model	Max.lifting height (mm)	Load capacity (kg)		Height (mm)		Free lift height (with backrest) (mm)		Service weight (kg)					Mast tilt angle α/β (°)
			2t	2.5t	2-2.5t	2-2.5t	2.0t-S	2.0t-M	2.5t-S	2.5t-M				
2-stage standard Mast	M200	2000	2000	2500	1500	150	3860	3950	4020	4110	6/10			
	M250	2500	2000	2500	1750	150	3908	3998	4068	4158	6/10			
	M300	3000	2000	2500	2000	150	3940	4030	4100	4190	6/10			
	M330	3300	2000	2500	2150	150	3980	4070	4140	4230	6/10			
	M350	3500	2000	2500	2250	150	3999	4089	4159	4249	6/10			
	M370	3700	2000	2500	2350	150	4015	4105	4175	4265	6/6			
	M400	4000	2000	2500	2550	150	4087	4177	4247	4337	6/6			
	M425	4250	1900	2450	2675	150	4111	4201	4271	4361	6/6			
	M450	4500	1900	2450	2800	150	4133	4223	4293	4383	6/6			
	M500	5000	1850	2400	3050	150	4177	4267	4337	4427	6/6			
	M550	5500	1750	2300	3350	150	4268	4358	4428	4518	6/6			
	M600	6000	1600	1800	3600	150	4313	4403	4473	4563	6/6			
2-stage full free mast	ZM200	2000	2000	2500	1500	496	4127	4217	4287	4377	6/10			
	ZM250	2500	2000	2500	1750	746	4193	4283	4353	4443	6/10			
	ZM300	3000	2000	2500	2000	996	4260	4350	4420	4510	6/10			
	ZM330	3300	2000	2500	2150	1146	4300	4390	4460	4550	6/10			
	ZM350	3500	2000	2500	2250	1246	4327	4417	4487	4577	6/10			
	ZM370	3700	2000	2500	2350	1346	4353	4443	4513	4603	6/6			
	ZM400	4000	2000	2500	2550	1546	4444	4534	4604	4694	6/6			
	ZM425	4250	1900	2450	2675	1671	4477	4567	4637	4727	6/6			
	ZM450	4500	1900	2450	2800	1796	4510	4600	4670	4760	6/6			
	ZM500	5000	1850	2400	3050	2046	4577	4667	4737	4827	6/6			
	ZM550	5500	1750	2300	3350	2346	4694	4784	4854	4944	6/6			
	ZM600	6000	1600	1800	3600	2596	4761	4851	4921	5011	6/6			
3-stage full free mast	ZSM360	3600	2000	2500	1800	796	4345	4435	4505	4595	6/6			
	ZSM400	4000	2000	2500	1950	946	4378	4468	4538	4628	6/6			
	ZSM435	4350	1900	2400	2050	1046	4412	4502	4572	4662	6/6			
	ZSM450	4500	1850	2350	2100	1096	4425	4515	4585	4675	6/6			
	ZSM470	4700	1800	2300	2165	1161	4442	4532	4602	4692	6/6			
	ZSM480	4800	1800	2300	2210	1206	4452	4542	4612	4702	6/6			
	ZSM500	5000	1700	2100	2300	1296	4478	4568	4638	4728	6/6			
	ZSM540	5400	1450	1500	2400	1396	4512	4602	4672	4762	6/6			
	ZSM600	6000	1100	1150	2600	1596	4699	4789	4859	4949	6/6			
	ZSM650	6500	11450	11650	2800	1796	4660	4750	4820	4910	6/6			
	ZSM700	7000	11150	11300	2975	1971	4732	4822	4892	4982	6/6			

3t/3.5t/3.8t Mast parameters																					
Mast type	Mast model	Max.lifting height (mm)	Load capacity (kg)					Height (mm)					Free lift height (with backrest)			Service weight (kg)					Mast tilt angle α/β (°)
			3t-M	3t-S	3.5t-M	3.5t-S	3.8t	3t	3.5t	3.8t	3t	3.5t	3.8t	3.0t-S	3.0t-M	3.5t-S	3.5t-M	3.8t-S			
2-stage standard mast	M200	2000	3000	3000	3500	3500	3800	1570	1620	1680	155	160	160	4899	4804	5204	5004	5504	6/10		
	M250	2500	3000	3000	3500	3500	3800	1820	1870	1930	155	160	160	4947	4852	5257	5057	5557	6/10		
	M300	3000	3000	3000	3500	3500	3800	2070	2120	2180	155	160	160	4995	4900	5310	5110	5610	6/10		
	M330	3300	3000	3000	3500	3500	3800	2220	2270	2330	155	160	160	5024	4929	5342	5142	5642	6/10		
	M350	3500	3000	3000	3500	3500	3800	2320	2370	2430	155	160	160	5043	4948	5363	5163	5663	6/10		
	M370	3700	3000	3000	3500	3500	3800	2420	2470	2530	155	160	160	5062	4967	5384	5184	5684	6/6		
	M400	4000	3000	2850	3500	3150	3700	2620	2670	2730	155	160	160	5142	5047	5468	5268	5768	6/6		
	M425	4250	2850	2750	3300	3150	3650	2745	2795	2855	155	160	160	5166	5071	5494	5294	5794	6/6		
	M450	4500	2850	2700	3350	3200	3700	2870	2920	2980	155	160	160	5190	5095	5521	5321	5821	6/10		
	M500	5000	2800	2700	3550	3400	3900	3120	3170	3230	155	160	160	5238	5143	5574	5374	5874	6/6		
2-stage full free mast	M550	5500	2850	2750	3600	3450	3950	3420	3470	3530	155	160	160	5336	5241	5678	5478	5978	6/6		
	M600	6000	2800	2700	3650	3500	4000	3670	3720	3780	155	160	160	5384	5289	5731	5531	6031	6/6		
3-stage full free mast	ZM200	2000	3000	3000	3500	3500	3800	1570	1620	1680	340	443	503	4927	4832	5228	5028	5528	6/10		
	ZM250	2500	3000	3000	3500	3500	3800	1820	1870	1930	590	693	753	4977	4882	5281	5081	5581	6/10		
	ZM300	3000	3000	3000	3500	3500	3800	2070	2120	2180	840	943	1003	5027	4932	5335	5135	5635	6/10		
	ZM330	3300	3000	3000	3500	3500	3800	2220	2270	2330	990	1093	1153	5059	4964	5368	5168	5668	6/10		
	ZM350	3500	3000	3000	3500	3500	3800	2320	2370	2430	1090	1193	1253	5079	4984	5389	5189	5689	6/10		
	ZM370	3700	3000	3000	3500	3200	3800	2420	2470	2530	1190	1293	1353	5099	5004	5410	5210	5710	6/6		
	ZM400	4000	3000	2850	3500	3200	3700	2620	2670	2730	1390	1493	1553	5177	5082	5490	5290	5790	6/6		
	ZM425	4250	2850	2750	3300	3150	—	2745	2795	2855	1515	1618	—	5203	5108	5517	5317	—	6/6		
	ZM450	4500	2850	2700	3350	3200	—	2870	2920	2980	1640	1743	—	5231	5136	5546	5346	—	6/10		
	ZM500	5000	2800	2700	3550	3400	—	3120	3170	3230	1890	1993	—	5285	5190	5602	5402	—	6/6		
	ZM550	5500	2850	2750	3600	3450	—	3420	3470	3530	2190	2293	—	5384	5289	5705	5505	—	6/6		
	ZM600	6000	2800	2700	3650	3500	—	3670	3720	3780	2440	2543	—	5437	5342	5761	5561	—	6/6		
	ZSM360	3600	3000	2850	3500	3250	3800	1870	1870	1930	640	640	693	5138	5043	5421	5221	5724	6/6		
	ZSM400	4000	3000	2750	3500	3100	3700	2020	2020	2055	790	790	843	5179	5084	5462	5262	5765	6/6		
	ZSM435	4350	2850	2750	3300	3150	—	2120	2120	2180	890	890	943	5208	5113	5491	5291	5794	6/6		
	ZSM450	4500	2800	2700	3550	3400	—	2170	2170	2230	940	940	993	5223	5128	5506	5306	5809	6/6		
	ZSM470	4700	2850	2750	3350	3200	—	2230	2230	2295	1000	1000	1053	5241	5146	5524	5324	5827	6/6		
	ZSM480	4800	2800	2700	3550	3400	—	2270	2270	2330	1040	1040	1093	5251	5156	5534	5334	5837	6/6		
ZSM500	5000	2850	2750	3600	3450	—	2370	2370	2430	1140	1140	1193	5278	5183	5561	5361	5864	6/6			
ZSM540	5400	2800	2700	3550	3400	—	2470	2470	2555	1240	1240	1293	5308	5213	5591	5391	5894	6/6			
ZSM560	5600	2850	2750	3600	3450	—	2670	2670	2780	1440	1440	1493	5412	5317	5693	5493	5996	6/6			
ZSM650	6500	2800	2700	3650	3500	—	2870	2870	—	1640	1640	—	5467	5372	5750	5550	—	6/6			
ZSM700	7000	1800	*1800	*2000	*2000	—	3045	3045	—	1815	1815	—	5517	5422	5800	5600	—	6/6			

Note: *Indicates the rated load capacity of the front wheel with twin tyres; When the front wheels of 3.3-5t are twin tyres (pneumatic tyres) and twin tyres (solid tyres), the service weight is increased by 140kg and 208kg respectively according to the table data; When the front wheels of 3.8t are twin tyres (pneumatic tyres) and twin tyres (solid tyres), the service weight is increased by 103kg and 253kg respectively according to the table data
2-stage full free mast: 3t: When there is no backrest, the free lifting height increases by 477mm; 3.5t: When there is no backrest, the free lifting height increases by 407mm; 3.8t: When there is no backrest, the free lifting height increases by 407mm.
3-stage full free mast: 3t: When there is no backrest, the free lifting height increases by 427mm; 3.5-3.8t: When there is no backrest, the free lifting height increases by 407mm.

Optional item			
	Model	S	M
Basic items	Pneumatic tyre*	●	●
	Solid tyre	○	○
	Single tyre (front wheel)	●	●
	Twin tyre (front wheel)**	○	○
	Two piece valve	●	●
	Three or four piece valve	○	○
	Basic type: 3M lifting height mast	●	●
	Other type and other height seriesmast***	○	○
	Standard series fork	●	●
	Non standard series forks and attachments	○	○
	Standard exterior color (blue grey + Heli red)	●	●
	Other exterior colors (customized)	○	○
	Turning speed limit	○	○
	Reversing armrest with horn switch	○	○
	Overspeed 5km / h alarm	○	○
Safety items	Overspeed 8km / h alarm	○	○
	Overspeed 10km / h alarm	○	○
	Travelling + lifting + tilting + equipped with OPS function (without lowering)	●	●
	Full set of OPS functions	○	○
	Seat belt switch	○	○
	Multi way valve overload	●	●
	Dry powder fire extinguisher (0.5kg)	○	○
	Dry powder fire extinguisher (2kg)	○	○
	Carbon dioxide fire extinguisher (2kg)	○	○
	Reversing buzzer	●	●
	Reversing Chinese speaker	○	○
	No universal key	●	●
	With universal key	○	○
	Electronic lifting upper buffer	○	○
	Central wide-angle rearview mirror	●	●
Comfort items	Both side rear-view mirrors + center wide-angle rear-view mirror	○	○
	Reversing radar (4 probes)	○	○
	Reversing image (1 Camera + 4 radar probes)	○	○
	Semi enclosed seat	●	●
	Fully suspended seat	○	○
	Instrument panel with 1 USB interface (5V / 1A)	○	●
	Steering wheel starts steering	○	○
	Synchronous steering	○	○
	Steering wheel with handle ball	●	●
	Steering wheel without handle ball	○	○
	electric fan	○	○
	panel mounted cab (including fan + wiper)	○	○
	Heater	○	○
	Single cooling air conditioner	○	○
	Single cooling air conditioner + heater	○	○
Cab / Windshield / Air conditioner / Heater	Front windshield (including wiper)	○	○
	Rear windshield	○	○
	Top windshield (excluding fan)	○	○
	50mm increased of overhead guard height	○	○
	Overhead guard (with protective net)	○	○
Non standard overhead guard	LED rear work light (1)	○	○
	Rear LED red / Blue spotlight (1)	○	○
	Rear and lateral red / blue bar lights	○	○
	Fixed LED flashing warning light	○	●
	Fixed LED rotary warning lamp	○	○
Lights	Fixed LED rotary buzzer warning light	○	○
	Metric thread	●	●
	Tilt cylinder jacket	○	○
	Steering cylinder jacket	○	○
	REMA power connector	●	●
Others	Domestic battery	●	●
	GS battery	○	○
	HOPPECKE battery	○	○
	FAAM battery	○	○
	(battery) with automatic water replenishment	○	○
	FICS standard type (for China)	○	○

Note:

*●Standard ; *○Optional ;

Some non-standard options need to be customized. Please consult local sales personnel or product development technicians before purchasing.

**3.8t rear wheel is equipped with solid tyre as standard.

***The small 2t truck is not equipped with twin tyres.

***There are restrictions on the type and height of small 2t and 3.8t mast. See the table of mast parameters for details.