

2.5t A series long wheelbase mast specification:

Type	Model	lifting height	Lowered	Overall height		Free lifting height		Tilting range		Capacity (Mast vertical to ground)			
				With backrest	Without backrest	With backrest	Without backrest	FWD	BWD	Load center@500mm		Load center@24in	
										Single Tire	Front Dual Tire	Single Tire	Front Dual Tire
2-stage wide mast	M250	2500	1786	3556	3234	140	140	5	10	2500	2500	5000	5000
	M270	2700	1886	3756	3434	140	140	5	10	2500	2500	5000	5000
	M300	3000	2006	4056	3734	140	140	5	10	2500	2500	5000	5000
	M330	3300	2186	4356	4034	140	140	5	10	2500	2500	5000	5000
	M350	3500	2286	4556	4234	140	140	5	10	2500	2500	5000	5000
	M360	3600	2336	4656	4334	140	140	5	10	2500	2500	5000	5000
	M400	4000	2586	5056	4734	140	140	5	10	2500	2500	5000	5000
	M430	4300	2751	5356	5034	140	140	5	6	2500	2500	5000	5000
	M450	4500	2861	5556	5234	140	140	5	6	2300	2500	4600	5000
	2-stage full-free lifting mast	U250	2500	1766	3556	3185	720	1091	5	10	2500	2500	5000
U270		2700	1866	3756	3385	820	1191	5	10	2500	2500	5000	5000
U300		3000	1966	4056	3685	920	1291	5	10	2500	2500	5000	5000
U330		3300	2116	4356	3985	1070	1441	5	10	2500	2500	5000	5000
U360		3600	2266	4656	4285	1220	1591	5	10	2500	2500	5000	5000
3-stage full-free lifting mast	N430	4300	1976	5356	5019	930	1267	5	6	2300	2500	4600	5000
	N450	4500	2096	5556	5219	1050	1387	5	6	2200	2350	4400	4700
	N480	4800	2196	5856	5519	1150	1487	5	6	2100	2200	4200	4400
	N500	5000	2261	6056	5719	1215	1552	5	6	1900	2100	3800	4200
	N550	5500	2426	6556	6219	1380	1717	3	6	1400	1900	2800	3800
	N600	6000	2641	7056	6719	1595	1932	3	6	1000	1700	2000	3400
	N650	6500	2820	7556	7219	1774	2111	3	6	850	1500	1700	3000

With sideshift minus 150kg, with integrated sideshift minus 100kg. With solid tyre, load capacity increase 80kg.

3.0-3.5t A series mast: (3.0t with pneumatic, 3.5t with solid tyre)

Type	Model	Lifting height	Lowered overall height		Overall height				Free lifting height				Tilting range		Capacity (Mast vertical to ground)							
					With backrest		Without backrest		With backrest		Without backrest		FWD	BWD	Load center @500 mm		Load center @24 in					
			3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	mm	mm	Single Tire	Front Dual Tire	Single Tire	Front Dual Tire	Single Tire	Front Dual Tire		
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg	kg	kg	kg	kg	
2-stage wide view mast	M250	2500	1786	1936	3652	3652	3297	3364	145	145	145	145	5	10	3000	3500	3000	3500	6000	7000	6000	7000
	M270	2700	1886	2036	3852	3852	3497	3564	145	145	145	145	5	10	3000	3500	3000	3500	6000	7000	6000	7000
	M300	3000	2036	2186	4152	4152	3797	3864	145	145	145	145	5	10	3000	3500	3000	3500	6000	7000	6000	7000
	M330	3300	2186	2336	4452	4452	4097	4164	145	145	145	145	5	10	3000	3500	3000	3500	6000	7000	6000	7000
	M350	3500	2286	2436	4652	4652	4297	4364	145	145	145	145	5	10	3000	3500	3000	3500	6000	7000	6000	7000
	M360	3600	2336	2486	4752	4752	4397	4464	145	145	145	145	5	10	3000	3500	3000	3500	6000	7000	6000	7000
	M400	4000	2586	2686	5152	5152	4797	4864	145	145	145	145	5	10	2850	3250	2900	3500	5700	6500	5800	7000
	M430	4300	2751	2836	5452	5452	5097	5164	145	145	145	145	5	6	2700	3000	2750	3400	5400	6000	5500	6800
	M450	4500	2861	2936	5652	5652	5297	5364	145	145	145	145	5	6	2550	2850	2600	3350	5100	5700	5100	6700
	M480	4800	3026	3086	5952	5952	5597	5664	145	145	145	145	5	6	2250	2450	2500	2950	4500	4900	5000	5900
M500	5000	3136	3186	6152	6152	5797	5864	145	145	145	145	5	6	2100	2300	2300	2800	4200	4600	4600	5600	
2-stage full-free lifting mast	U250	2500	1826	1936	3652	3652	3247	3292	684	794	1089	1154	5	10	3000	3500	3000	3500	6000	7000	6000	7000
	U270	2700	1926	2036	3852	3852	3447	3492	784	894	1189	1254	5	10	3000	3500	3000	3500	6000	7000	6000	7000
	U300	3000	2036	2195	4152	4152	3747	3792	894	1053	1299	1413	5	10	3000	3500	3000	3500	6000	7000	6000	7000
	U330	3300	2186	2336	4452	4452	4047	4092	1044	1194	1449	1554	5	10	3000	3500	3000	3500	6000	7000	6000	7000
	U360	3600	2345	2495	4752	4752	4347	4392	1203	1353	1608	1713	5	10	3000	3500	3000	3500	6000	7000	6000	7000
3-stage full-free lifting mast	N430	4300	2041	2141	5452	5452	5083	5092	899	999	1268	1359	5	6	2550	2850	2750	3350	5100	5700	5500	6700
	N450	4500	2121	2221	5652	5652	5283	5292	979	1079	1348	1439	5	6	2400	2700	2700	3200	4800	5400	5400	6400
	N480	4800	2221	2321	5952	5952	5583	5592	1079	1179	1448	1539	5	6	2250	2450	2600	2950	4500	4900	5200	5900
	N500	5000	2287	2387	6152	6152	5783	5792	1145	1245	1514	1605	5	6	2100	2300	2500	2850	4200	4600	5000	5700
	N550	5500	2451	2551	6652	6652	6283	6292	1309	1409	1678	1769	3	6	1650	1800	2350	2700	3300	3600	4700	5400
	N600	6000	2617	2717	7152	7152	6783	6792	1475	1575	1844	1935	3	6	1200	1300	2050	2300	2400	2600	4100	4600
	N650	6500	2845	2945	7652	7652	7283	7292	1703	1804	2072	2164	3	6	900	1000	1850	1900	1800	2000	3700	3800

With sideshift minus 200kg, with integrated sideshift minus 100kg. For 3t truck, with solid tyre, load capacity increase 100kg.

GLOBAL SALES NETWORK



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A Series
1.0/1.5/1.8/2.0/2.5/3.0/3.5t
Electric Forklift Truck



HANGCHA GROUP CO., LTD.

The newest generation A series 1-3.5t electric counter balance truck is new product series of HANGCHA. The totally new designed outline, safety, comfortable and reliability are fully improved, and the whole truck's performance is also increased.

OUTLINE

Eyeball attractive designed streamlined outline, small dimension, and metal material applied for exposed parts, all provide robust construction of A series.

COMFORTABLE

Thanks to the new designed ergonomically operator's cab, the operator can work in relax, low fatigue, and even during long shift.

Sinking type designed battery layout provides battery stability especially during turning.

Ergonomically designed small radius turning wheel, and 150mm adjustable distance of seat, both provide better operator's comfort of different operators.

Soft landing system is applied for A series. When the forks lows to 60-100mm to ground, the soft landing system is auto operated, and to avoid the forks dashing against the ground.

New designed broad view mast provides better forward view ability.

Big LED dashboard is easy to see and provides friendly human-computer interaction and with running hours, self diagnosis function and the battery power shown.

Low noise, energy saving and no exhaust emission, all meet environment friendly requirement.



STANDARD SPECIFICATIONS

- High efficiency AC driving motor
- Special for truck's lifting motor
- Multi-functions dashboard
- Full electronic controlled travelling, lifting and steering
- Front lighting system, turning indicator, LED combined three colors' rear lights
- Big dimension rubber pad
- Sheet metal stamping made front and rear bottom plate

- Sheet metal stamping made left and right cover and battery cover
- Standard battery
- Reversing beeper
- Full hydraulic steering
- Storage box
- Soft landing system
- Standard forks in red
- 3m duplex mast
- Tow coupling
- Center located rear view mirror

OPTIONS

- Side way battery change
- Big capacity Chinese made battery
- Cold store application
- High performance import battery
- Battery charger
- Rear lighting system
- Front dual tyre
- SE tyre
- Non-marking tyre
- Suspension seat with higher OHG

AC TECHNOLOGY

The AC technology offers numerous advantages to HANGCHAA series trucks.

Maintenance free driving motor is no need to replace the carbon brush, low service cost.

High efficiency AC system is not only with full protection functions but also with the self equipped temperature sensor, speed sensor, which provides better reliability and long working life time.

SAFETY SYSTEM

High frequency MOSFET controller provides accurate control of travelling, lifting, and better adjustable performance and better match with the motor.

Secure stopping on ramp function is also provided thanks to MOSFET controller.

Motor brake is for regenerative braking during deceleration, direction changing, and downward slope. The regenerative braking is more energy saving and effectively.

EASY MAINTENANCE

Full opened battery cover is easy for battery service.

The controller is enclosed to avoid dust and water, and the cover is easy opened.

The applied world famous controllers, connectors, battery plug, emergency switch, and dashboard are to ensure the reliability of the performance and provide easy service.

Emergency switch is standard specification which meets the Euro safety regulation.

There's overloading protection for electronics and hydraulic system.

The whole truck meets CE certificate.

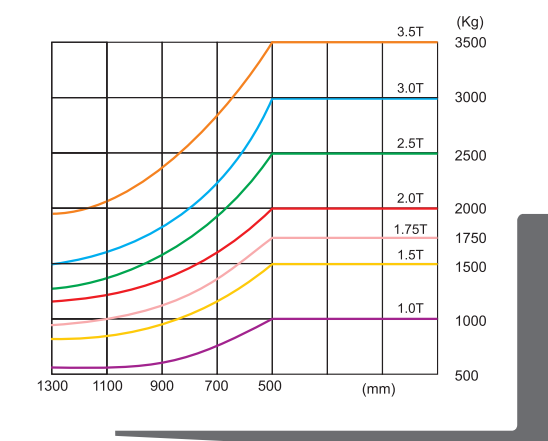
- Left and right rear view mirror
- Reversing hand grip with horn button
- Wider fork carriage
- Wide or higher load backrest
- Other dimension forks
- Duplex mast with full free lift
- Triplex mast
- Integrated side shift
- Other attachments



New designed sideway battery changing is an option to meet different customer requirement. And which is very suitable for two or three shifts working.

- Advance ergonomically design cab, better operator comfort
- Parking brake design meets ISO3691
- Customaries color
- Battery cover with auto lock spring for easy battery service and replacing
- Advanced import AC controller (new series)
- Easy opened counter weight cover, to protect internal controller to avoid water and dust.
- Advanced transverse layout driving component.
- Sideway battery change option, easy to replacing battery
- Battery with lifting holes, no need to equip trolley, and battery can be put on ground to saving space and cost.
- Big LED dashboard, fault code shown in English
- Big dimension rubber pad

LOAD CHART



DIMENSIONS

