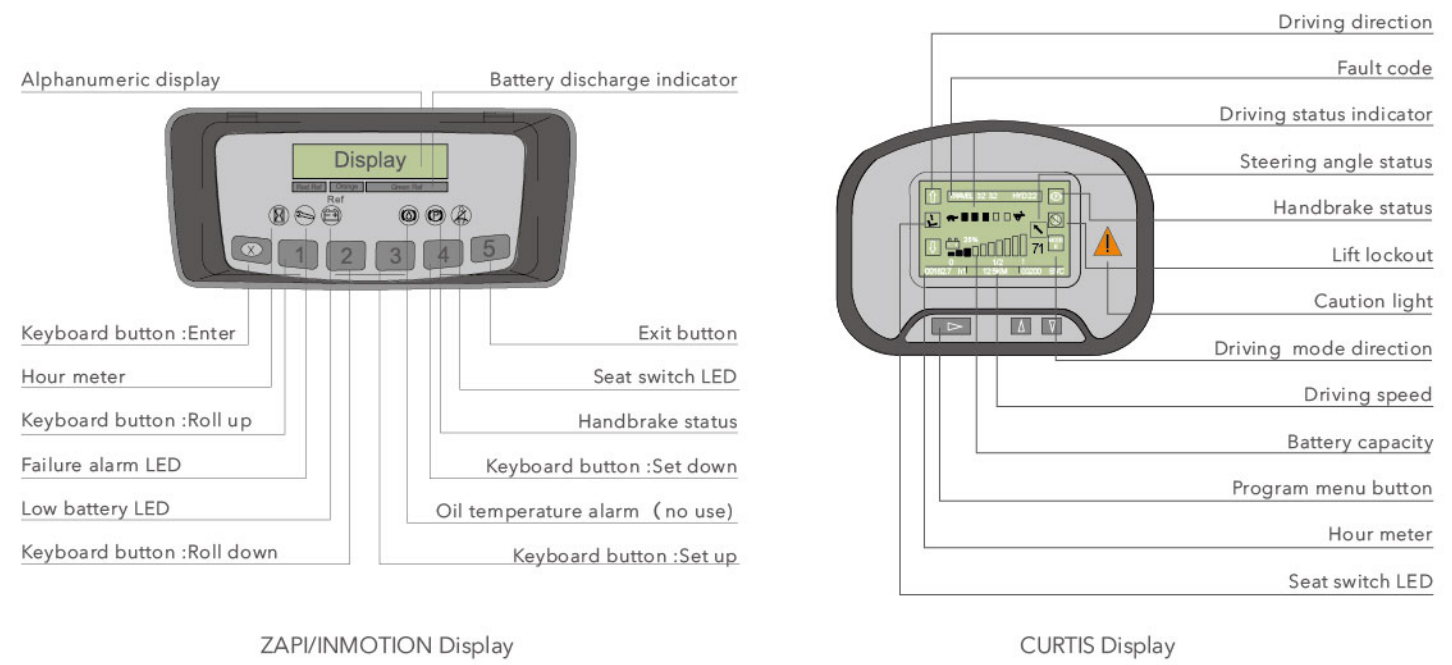


Reliable special designed instrument



Standard configuration Optional

Wide view standard mast	String rod	Wide carriage
Standard fork	Driver's cab	Lengthening fork
Class III carriage	Lifting hock	Load pusher
Backrest	Cargo boom	Lengthening fork extension
Control valve	Tip-over fork	Rotating flat clamp
Battery	Side shifter	Dual-tyre with protection device
Standard seat	Paper roll clamp	Auxiliary hydraulic valve component
Overhead guard	Warning light (rotating or buzzing)	Tilting/steering cylinder sleeve
LCD combined instrument	solid tyre	Non marking tyre
Horn alert function on rear handle	Rear working light	wide view two/three stage full free mast
Traction pin	Steel protection net	Customer made color
Driver's tool	Multipurpose drum clamp	Sensor operated power steering
Flashing light	Load stabilizer	Turn automatic deceleration function

6000-7000 lbs [3-3.5 t]
G series
AC Electric Forklift Truck



G SERIES 6000-7000 lbs

Improved driver's view

- > Standard configuration of wide view mast, compact structure of mast and tube pulley block.
- > Large arc roof frame, increasing the driving space.

Improved operating comfort

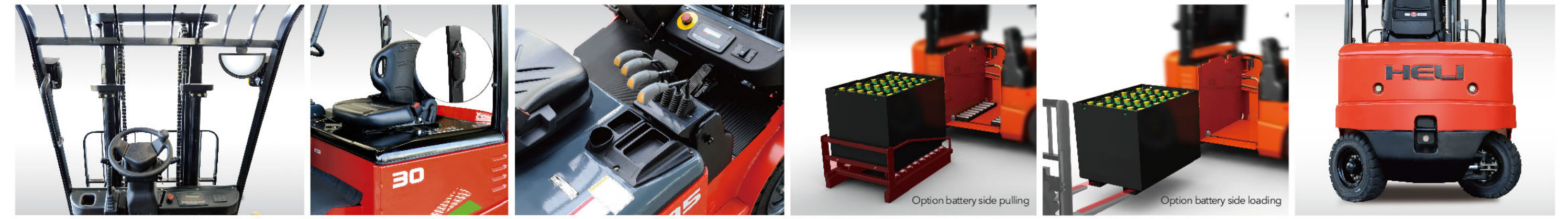
- > Foot operation comfort is increased through optimized brake pedal height and accelerating pedal height for comfort shifting.
- > Super low torque steering unit makes steering light and easy.
- > Rear handle with horn button ensures safe and comfortable operation while reverse driving.
- > Mast and rear axle buffering improve driving comfort largely.
- > Ratchet hand brake has different brake force on slope and ground, reducing driver's fatigue.

Optimized maintainability and safety

- > Special side plate and top cover structure is easy for assembly and disassembly.
- > Highly-mounted rear axle increasing transversal stability by 2.1%.
- > Three driving modes offer optional choices to different working condition.
- > Automatic deceleration when steering is optional so as to ensure the operation safety.

High efficiency and energy-saving

- > The use of electric truck dedicated tire with pattern saves more than 10% of the energy during travelling.
- > LED lamps save 80% of the energy.
- > The professional matching design of the components prolongs the battery working time about 10%.
- > Battery side lift and customized battery side pulling make battery changing easier.

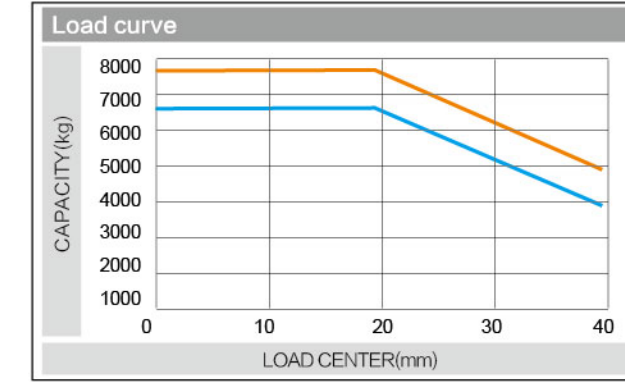
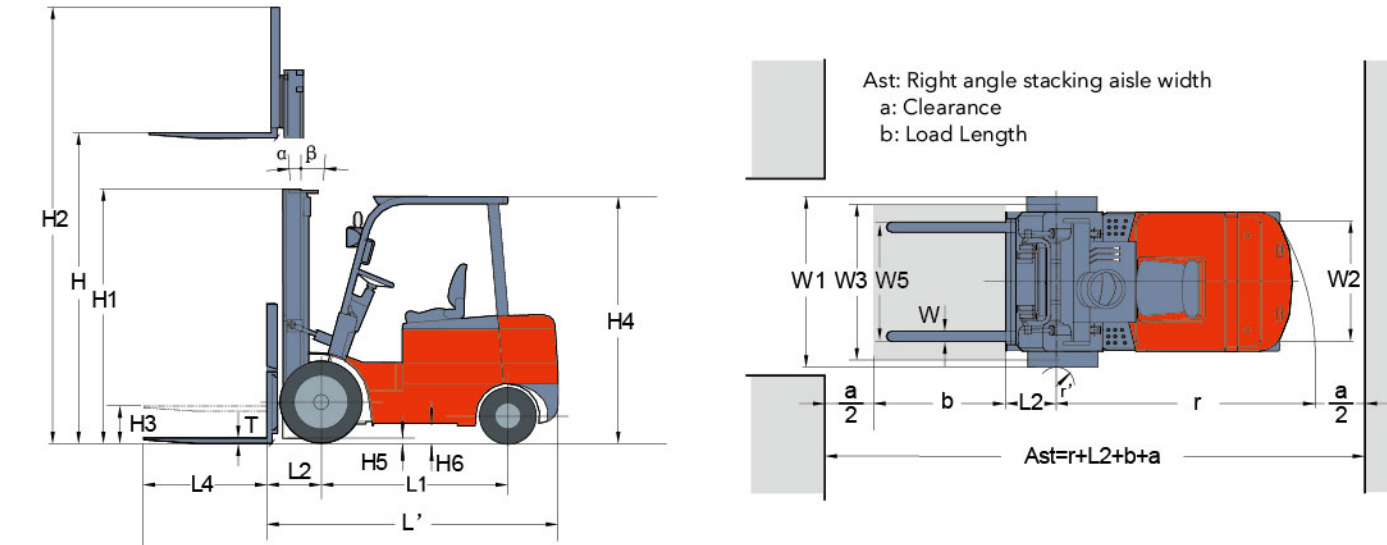


G SERIES 6000-7000 lbs



Manufactures Data and Design Characteristics																	
Character																	
1.01	Manufacturer																
1.02	Model																
1.03	Configuration number																
1.04	Rated capacity																
1.05	Load center distance																
1.06	Power mode																
1.07	Driving mode																
1.08	Wheel base																
Tyre																	
2.01	Tyres type																
2.02	Wheel number, front/rear																
2.03	Track width, front																
2.04	Track width, rear																
2.05	Tyre (front)																
2.06	Tyre (rear)																
Size																	
3.01	Front overhang																
3.02	Mast tilt angle, front/rear																
3.03	Height with mast retraction																
3.04	Free lifting height																
3.05	Max. lifting height																
3.06	Max. height under working condition																
3.07	Overhead guard height																
3.08	Fork size: thickness X width X length																
3.09	Lateral Fork Adjustment (Outside of Forks) Max./Min																
3.10	Fork arm carrier, DIN standard																
3.11	Truck body length (fork excluded)																
3.12	Truck body width																
3.13	Turning radius																
3.14	Clearance between mast and ground																
3.15	Clearance between wheel base center and ground (loaded)																
3.16	Right angle stacking aisle width (Pallet 39.4x39.4inch, clearance 7.9inch)																
3.17	Right angle stacking aisle width (Pallet 47.2x47.2inch, clearance 7.9inch)																
Performance																	
4.01	Travelling speed, laden/unladen																
4.02	Lifting speed, laden/unladen																
4.03	Lowering speed																
4.04	Gradeability (laden)																
4.05	Max. traction force (laden)																
4.06	Acceleration time (10m) loaded/unloaded																
Weight																	
5.01	Total weight (with/without battery)																
5.02	Axle load : unloaded, front/rear																
5.03	Axle load : loaded, front/rear																
Battery																	
6.01	Battery voltage / capacity K5																
6.02	Battery weight																
6.03	Battery, DIN standard																
Motor and Controller																	
7.01	Drive motor power - 60 minutes																
7.02	Lifting motor power (53-15%)																
7.03	Drive motor controlling mode																
7.04	Lifting motor controlling mode																
7.05	Service brake/parking brake																
7.06	Hydraulic system working pressure																

NOTE: (1) Detailed information about battery, please contact our salesman or engineer. (2) "P": battery side extraction (side pulling or side loading), side loading for standard. (3) For configuration number, 1: CURTIS Controller; 2: ZAPI Controller; 3: Inmotion Controller.



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 100mm 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.

WIDE VIEW MAST								
Mast model	Max. lifting height	Load capacity (load center 20 inch)		Mast overall height		Service weight		Mast tilt angle (°) α/β
		3t	3.5t	3t	3.5t	3t	3.5t	
M200	79/2000	6000/3000	7000/3500	62/1570	66/1680	10395/4715	11905/5400	6/10
M250	98/2500	6000/3000	7000/3500	72/1820	76/1930	10483/4755	12015/5450	6/10
M300	118/3000	6000/3000	7000/3500	81/2070	86/2180	10604/4810	12125/5500	6/10
M330	130/3300	6000/3000	7000/3500	87/2220	92/2330	10670/4840	12192/5530	6/10
M350	138/3500	6000/3000	7000/3500	91/2320	96/2430	10714/4860	12236/5550	6/10
M370	146/3700	6000/3000	6800/3400	95/2420	100/2530	10781/4890	12280/5570	6/6 6/10
M400	157/4000	5900/2950	6700/3350	103/2620	107/2730	10924/4955	12445/5645	6/6 6/10 6/6
M425	167/4250	5700/2850	6500/3250	108/2745	112/2855	10979/4980	12500/5670	6/6 6/10
M450	177/4500	5500/2750	6200/3100	113/2870	117/2980	11034/5005	12555/5695	6/6 6/10
M500	197/5000	4800*5700 /2400*2850	5300*6100 /2650*3050	123/3120	127/3230	11144/5055	12685/5754	6/6 6/6 6/6
M550	217/5500	4500*5400 /2250*2700	5000*5700 /2500*2850	135/3420	139/3530	11321/5135	12864/5835	3/6 3/6 3/6
M600	236/6000	3200*4600 /1600*2300	3300*5000 /1650*2500	144/3670	149/3780	11431/5185	12963/5880	3/6 3/6 3/6

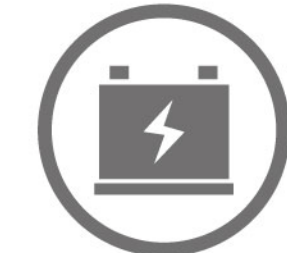
NOTE: (1) * refers to rated capacity with double tires.

WIDE VIEW FULL FREE 2-STAGE MAST										
Mast model	Max. lifting height	Load capacity (load center 20 inch)		Mast overall height		Free lifting height (with backrest)		Service weight		Mast tilt angle (°) α/β
		3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	
ZM200	79/2000	6000/3000	7000/3500	62/1570	66/1680	15/388	20/503	10485/4756	12050/5466	6/10
ZM250	98/2500	6000/3000	7000/3500	72/1820	76/1930	25/638	30/753	10582/4800	12147/5510	6/10
ZM300	118/3000	6000/3000	7000/3500	81/2070	86/2180	35/888	39/1003	10684/4846	12247/5555	6/10
ZM330	130/3300	6000/3000	7000/3500	87/2220	92/2330	41/1038	45/1153	10743/4873	12306/5582	6/10
ZM350	138/3500	6000/3000	7000/3500	91/2320	96/2430	45/1138	49/1253	10783/4891	12346/5600	6/10
ZM370	146/3700	6000/3000	6800/3400	95/2420	100/2530	49/1238	53/1353	10822/4909	12386/5618	6/6 6/10
ZM400	157/4000	5900/2950	6700/3350	103/2620	107/2730	57/1438	61/1553	10981/4981	12549/5692	6/6 6/10 6/6
ZM425	167/4250	5700/2850	6500/3250	108/2745	112/2855	62/1563	66/1678	11030/5003	12597/5714	6/6 6/10
ZM450	177/4500	5500/2750	6200/3100	113/2870	117/2980	66/1688	71/1803	11080/5026	12648/5737	6/6 6/6 6/10
ZM500	197/5000	4800*5800 /2400*2900	5300*6100 /2650*3050	123/3120	127/3230	76/1938	81/2053	11180/5071	12747/5782	6/6 6/6 6/6
ZM550	217/5500	4500*5400 /2250*2700	5000*5700 /2500*2850	135/3420	139/3530	88/2238	93/2353	11378/5161	12950/5874	3/6 3/6 3/6
ZM600	236/6000	3200*4600 /1600*2300	3300*5000 /1650*2500	144/3670	149/3780	98/2488	102/2603	11482/5208	13051/5920	3/6 3/6 3/6

NOTE: (1) * refers to rated capacity with double tires. (2) 3-3.5T: free lifted height 15.59inch increased without backrest.

WIDE VIEW FULL FREE 3-STAGE MAST										
Mast model	Max. lifting height	Load capacity (load center 20 inch)		Mast overall height		Free lifting height (with backrest)		Service weight		Mast tilt angle (°) α/β
		3t	3.5t	3-3.5t	3t	3.5t	3t	3.5t		
ZSM360	142/3600	6000/3000	6800/3400	76/1930	76/1930	30/753	35/878	11166/5065	12621/5725	6/6
ZSM400	157/4000	5800/2900	6500/3250	81/2055	84/873	34/873	35/878	11244/5100	12699/5760	6/6
ZSM435	171/4350	5500/2750	6300/3150	86/2180	89/998	39/1003	39/1003	11321/5135	12776/5795	6/6
ZSM450	177/4500	5400/2700	6000/3000	88/2230	91/1048	41/1048	41/1048	11356/5151	12811/5811	6/6
ZSM470	185/4700	5400/2700	5800/2900	88/2230	91/1048	41/1048	41/1048	11365/5155	12820/5815	6/6
ZSM480	189/4800	5200/2600	5600/2800	92/2330	95/1148	45/1148	45/1148	11420/5180	12875/5840	6/6
ZSM500	197/5000	4800*5700 /2400*2850	5300/2650	96/2430	99/1248	49/1248	49/1253	11484/5209	12939/5869	6/6 6/6 6/6
ZSM540	213/5400	4500*5300 /2250*2850	5000/2500	101/2555	54/1373	54/1378	54/1378	11561/5244	13016/5904	3/6 3/6 3/6
ZSM600	236/6000	3100*5000 /1550*2500	3200*5400 /1600*2700	109/2780	63/1598	63/1603	63/1603	11779/5343	13234/6003	3/6 3/6 3/6
ZSM650	256/6500	2500*4400 /1250*2200	2600*5000 /1300*2500	117/2970	70/1788	71/1793	71/1793	11896/5396	13351/6056	3/3 3/3 3/3
ZSM700	276/7000	1700*4200 /850*2100	2000*4600 /1000*2300	128/3240	81/2058	81/2063	81/2063	12081/5480	13536/6140	3/3 3/3 3/3

NOTE: (1) * refers to rated capacity with double tires. (2) 3-3.5T: free lifted height 15.63inch increased without backrest.



RENEWABLE ENERGY TECHNOLOGIES

With the use of the excellent load-sensing steering system and AC controlling renewable energy technologies, the forklift is more energy-saving and the working hour of the battery is extended by 15%.

