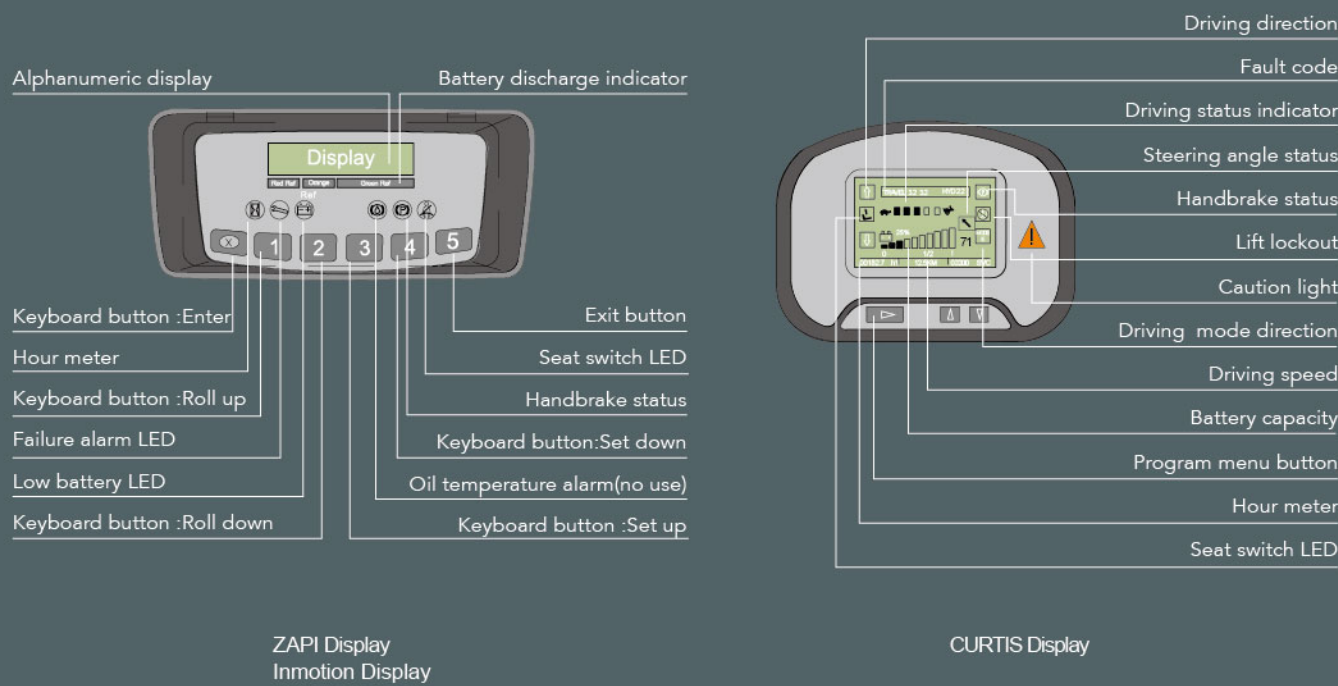




Standard configuration	Optional device	Attachments
Wide view standard mast	3-stage full free mast	Side shifter
Class II/III standard carriage	2-stage full free mast	Side shifting fork positioner
Load backrest	Wide carriage	Cargo boom
Control valve	Long forks	Lifting hook
Battery	Fork extension sleeve	Paper roll clamp
Standard seat	Solid tires	Bale clamp
Overhead guard	Widen tires	Multifunction clamp
Overhead guard rain cover	Warning light	Load stabilizer
Pneumatic tires	Rear working light	Push pulls
Traction pin	Tilt/steering cylinder boot	Drum clamp
Driver's tool	Cab	Rotator
LCD combination instrument	Suspension seat	Carton clamp
Head light	Customer color	Battery lifting sling
LED signal light	Coloring tires (white/green)	
Rear handle with horn	Automatic steering slow down device	



5165 Vasquez Blvd
Denver, CO 80216
888-NEW-HELI(639-4354)
303-297-3426 Fax
www.IndustrialForklifts.com

Some of the photos may include optional equipment. Please consult your dealer for specifications. Details of specifications and equipment are based on information available at time of printing and may change without notice. All Rights Reserved.

HELI Print 180223



3500-5000 lbs
G SERIES AC Electric
Pneumatic Tire Forklift Truck
48 VOLT

HELI
LIFTING THE FUTURE

TOP 10 FORKLIFT MANUFACTURER
IN THE WORLD

3500-5000 lbs **G SERIES AC Electric Pneumatic Tire**
Forklift Truck (48 VOLT)



VISIBILITY

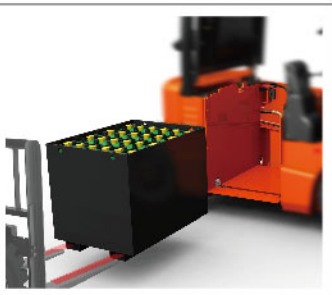
- > Driver's overhead guard and wide mast ensure greater operator visibility when high stacking or inserting forks into pallets for increased safety and less product damage.

STABILITY/SAFETY/CONVENIENCE

- > Re-designed drive axle with shorter front overhang produces improved forward stability
- > Improved rear axle positioning has been reconfigured for improved lateral stability
- > Additional warning lights including automatic brake warning light is standard improving safety warning system
- > Spacious operator compartment; increased foot space; maximum head room for taller operators; mast cushioning, rear axle isolation mounts and hood mounted hydraulic controls increase operator comfort
- > Side battery insertion/extraction with battery compartment rollers (optional)



Optional battery side pulling



Optional battery side loading



G series / **INTELLIGENT**
ENVIRONMENT-FRIENDLY

PERFORMANCE

- > AC drive motors eliminate brushes and directional contactors; reduced maintenance and operator costs.
- > Improved gradeability
- > Improved turning radius due to design of drive and steer axles

OPERATOR COMFORT

- > Lower step-in height into operator compartment
- > Increased floor space
- > Improved tilt steering column
- > Smaller diameter steer wheel with steer knob
- > Rear grab handle with horn button when traveling in reverse
- > Mast and rear axle buffering reduces shock and vibration into compartment

3500-5000 lbs

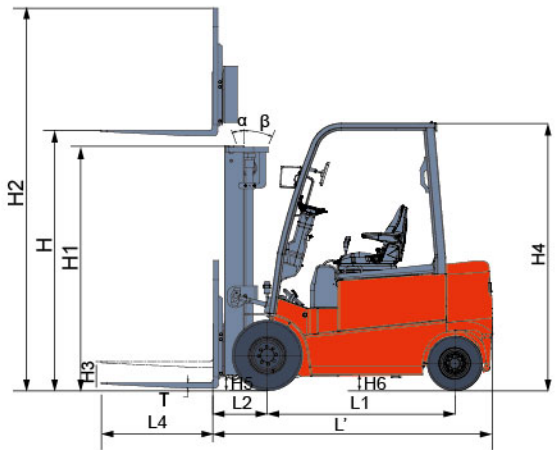
G SERIES AC Electric Pneumatic Tire Forklift Truck (48 VOLT)



Manufacturer's Data and Design Characteristics

Character									
1.01	Manufacturer			HELI					
1.02	Model			CPD18	CPD20	CPD25	CPD20	CPD25	
1.03	Configuration Number			GD1/GD2(P)	GC1/GC2(P)	GC1/GC2(P)	GD1/GD2(P)	GD1/GD2(P)	
1.04	Rated Capacity	Q	lbs	3500	4000	5000	4000	5000	
1.05	Load Center Distance	c	inch	24					
1.06	Power Mode			Battery					
1.07	Driving Mode			Seated					
1.08	Wheelbase	L1	inch	54.3	61				
Tyres									
2.01	Tyre Type			SE/Pneumatic	Pneumatic				
2.02	Wheel Number(Front/Rear)			2/2					
2.03	Front Wheel Base	W3	inch	35.8	37.8				
2.04	Rear Wheel Base	W2	inch	36.2	37.4				
2.05	Tyre(Front)			6.00-9	23x9-10-16PR				
2.06	Tyre(Rear)			16x6-8-14PR	18x7-8-14PR				
Size									
3.01	Front Overhang	L2	inch	15.3	17.1				
3.02	Mast Tilt Angle,Front/Rear	α / β	deg.	6/8					
3.03	Height with Mast Retraction	H1	inch	78.1	78.5				
3.04	Free Lift Height	H3	inch	5.7					
3.05	Max.Lifting Height	H	inch	118.1					
3.06	Max. height Under Working Condition	H2	inch	158.7					
3.07	Overhead Guard Height	H4	inch	83.9	84.6				
3.08	Fork Size:thicknessxwidthxlength	T*W*L	inch	1.38*3.94*36.2	1.57*4.8*36.2				
3.09	Fork Arm Carrier, DIN Standard	4		2A					
3.10	Truck Body Length(Fork Excluded)		inch	81.5	90	90.4	90	90.4	
3.11	Truck Body Width	L'	inch	42.8	46.7				
3.12	Turning Radius	W1	inch	68.9	78.7	79.5	78.7	79.5	
3.13	Clearance Between Mast and Ground	r	inch	3.1	4.3				
3.14	Clearance Between wheel Base Center and Ground(Loaded)	H5	inch	3.5	4.5				
3.15	Right Angle Aisle width(Pallet 39.4x39.4inch , Clearance 7.9inch)	H6	inch	131.5	143.1	143.9	143.1	143.9	
3.16	Right Angle Aisle width(Pallet 47.2x47.2inch , Clearance 7.9inch)	Ast	inch	139.4	151	151.8	151	151.8	
3.17	Lateral Fork Adjustment (Outside of Forks) Max./Min.	Ast	inch	37.8/7.9	40.6/9.6				
Performances									
4.01	Travel Speed:Load/Unload		mile/h	9.4/10.0	9.1/9.4				
4.02	Lifting Speed:Load/Unload		ft/min	74.80/118.11	55.12/95.46	51.18/96.46	68.90/100.39	65.00/100.39	
4.03	Lowering Speed:Load/Unload		ft/min	98.43/78.74	96.46/80.71				
4.04	Gradeability(Loaded)		%	20	22	20	22	20	
4.05	Max. Traction Force(Load)		lbs	2247	3595	3708	3595	3708	
4.06	Acceleration time(10m) Load/Unload		s	5.2/4.6	4.6/4.4	4.8/4.6	4.6/4.4	4.8/4.6	
Weight									
5.01	Total Weight(With/Without Battery)		lbs	6440/4860	8120/5920	8500/6300	8320/5920	8700/6300	
5.02	Axle Load:Unloaded, Front/Rear		lbs	2986/3454	3720/4400	4000/4500	3800/4520	4000/4700	
5.03	Axle Load:Loaded, Front/Rear		lbs	8744/1196	10540/1580	11860/1640	10600/1720	11900/1800	
Battery									
6.01	Battery Voltage/Capacity(5h)		V/Ah	48/480(max600)	48/600(max800)			48/700Ⓘ(max800)	
6.02	Battery Weight		lbs	1580(1440-2000)	2000(1900-2600)			2200(1900-2600)	
6.03	Battery, DIN Standard			20.7*41.3*31.8					
Motor & Controller									
7.01	Drive Motor Power-60 Minutes		hp	11	15.4				
7.02	Lifting Motor Power-S3 15%		hp	14.2	14.1	14.1	20.1	20.1	
7.03	Drive Motor Controlling Mode			MOSFET/AC					
7.04	Lifting Motor Controlling Mode			MOSFET/DC					
7.05	Service Brake/Parking Brake			Hydraulic/Mechanical					
7.06	Hydraulic System Working Pressure		psi	2537.5					

NOTE: *Detailed information about battery, please contact our salesmen or engineer. 1."Ⓢ" Battery capacity 600Ah for battery side extraction. "P" battery side extraction (side pulling or side loading),side pulling for standard. 2.1:For configuration number,CURTIS Controller;2:ZAPI Controller;3:Inmotion Controller.



Ast: Right angle stacking aisle width

a: Clearance

b: Load Length

