

2,000-7,000 lbs
G Series
Pneumatic Tire Forklift



GSERIES

HELI
LIFTING THE FUTURE

Top 10 Forklift
Manufacturer In The World



G Series Pneumatic Tire Forklift

2,000-7,000 lbs

Mast and Carriage



VISIBILITY OF CONVENTIONAL MODEL
VISIBILITY OF HELI G-SERIES FORKLIFT

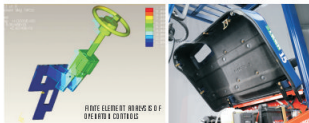


VISIBILITY OF CONVENTIONAL MODEL
VISIBILITY OF HELI G-SERIES FORKLIFT



The G series mast features an advanced damping system to significantly reduce impact and vibration during operation. Through the use of advanced design analysis, Heli has been able to optimize the operator's vantage point and achieve a 40% decrease in operational vibration.

Benefits of Innovative Design

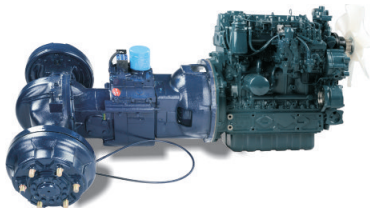


The steering column is mounted to the chassis using vibration dampening mounts. This feature reduces the vibration the operator may experience during normal operation.

Noise reduction is accomplished through the use of sound deadening insulation under the operator's seat deck. This feature provides the operator with less noise distraction which enables them to operate the machine in a safer manner.

- Increased operator efficiency
- Reduced potential product damage

Power Train



Available Engines

Kubota model V2403 (50 HP/2500 RPM)

Kubota model V3600 (68 HP/2400 RPM)

Heli's G series trucks feature an advanced power train design where the careful combination of key components has resulted in significant performance gains. Particular attention was given to reducing engine torque drag and thereby increasing overall truck performance.



REDUCED FUEL
CONSUMPTION



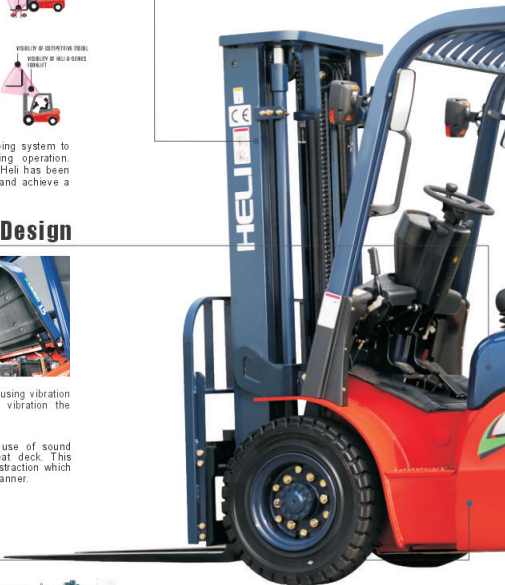
INCREASED
LIFT SPEED



INCREASED
GRADEABILITY



INCREASED
DRAW-BAR PULL



Operator Comfort



The G Series models incorporate a redesigned seat deck and tilt cylinder mountings. These changes have increased the operator compartment space and provides a larger floor plate for operator comfort.



The G Series models now incorporate an improved steering system with easy to maneuver tilt steering mechanism and the use of a labor saving mini-type steering wheel. Forklifts include seat-side hydraulic levers, enhanced suspension seat with seat belts and armrests.

Advanced Design Features



Advanced Overhead Guard

The G Series forklift utilizes a Profiled Steel overhead guard design. The unique features of this advanced design includes enhanced structural strength, and the ability to incorporate embedded cab doors when requested.

Structurally Advanced Frame

The G Series forklift has been designed to meet the ANSI/IT SDFB66.1 (American National Regulation) Requirements





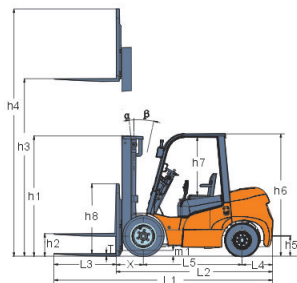
G Series Pneumatic Tire Forklift

2,000-7,000 lbs

Manufacturers Data and Design Characteristics

Characteristics					
1	Model			CPCD10	CPCD11
2	Fuel Type				Diesel
3	Base Capacity		lbs	2000	3000
4	Load Center		inch		24
Dimensions					
5	Max. Lift Height With Backrest	h4	inch	158.1	158
6	Standard Fork Height	h3	inch		118
7	Overall Lowered Height	h1	inch	78.5	78.5
8	Free Lift Standard Backrest Height	h2	inch	5.9	6.1
9	Operator Clearance	h7	inch		39
10	Overall Height	h6	inch	84.3	84.3
11	Overall Length (without Forks)	L2	inch	85.3	87.8
12	Front Overhang	X	inch	15.8	15.9
13	Rear Overhang	L4	inch	14	16.3
14	Wheel Base	L5	inch	55.5	55.5
15	Tow Pin Height	h5	inch	9.8	9.8
16	Minimum Ground Clearance Under Mast	m1	inch	4.3	4.3
17	Overall Width	B	inch	42.3	42.3
18	Lateral Fork Adjustment Outside of Fork (max./min.)	S	inch		37.4/7.7
19	Tread (front)	R1	inch	35.4	35.4
20	Tread (rear)	P	inch	36.6	36.6
21	Outside Turning Radius	Wa	inch	73.6	76.8
22	Inside Turning Radius	V	inch	4.3	4.3
23	Minimum Intersecting Aisle	Ra	inch	76.6	79.7
24	Tilting Angles (forward/backward)	α / β			5° / 10°
25	Fork Dimension (axbxc)		inch	30.3 × 3.9 × 1.3	30.3 × 3.9
Performance					
26	Max. Traveling Speeds (with/without Load)		mile/h		10.6/11
27	Lifting Speeds (with/without Load)		ft/min		116/12
28	Lowering Speeds (with/without Load)		ft/min		88.6/10
29	Max. Draw-bar Pull (with/without Load)		lbs		4005/15
30	Max. Negotiable Gradient (with/without Load)		%	42/25	40/19
Weights					
31	Service Weight		lbs	5070	6083
32	Axle Load, Front/rear		lbs	6390/880	8160/12
33	Axle Load Without, Front/rear		lbs	2290/2780	2620/34
Tires					
34	Wheels Number Front/rear (x=driven)				2X/2
35	Type				Pneumatic
36	Size (front)				6.50-10-11
37	Size (rear)				5.00-8-8
38	Service Brake				
39	Parking Brake				
Drive					
40	Battery (voltage/capacity)		V/Ah		12/80
41	Internal Combustion Engine Model				KUBOTA V2400
42	Internal Combustion Engine Rated Output		Hp/rpm		45.6/2400
43	Internal Combustion Engine Rated Torque		lb.ft/rpm		115/1600
44	Internal Combustion Engine Number Of Cylinder				4-87X10
45	Internal Combustion Engine Displacement		L		2.434
46	Internal Combustion Engine Fuel Tank Capacity		L		46
47	Transmission Number Of Speed Fwd/bwd Type				1/1

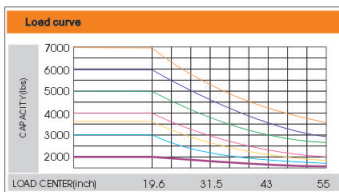
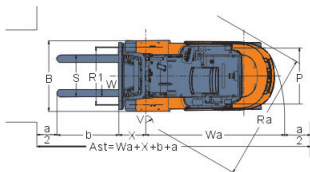
5	CPCD18	CPCD20	CPCD25	CPCD30	CPCD35
	Diesel				
	3500	4000	5000	6000	7000
	24				
	158	157.6	157.6	164.6	164.4
	118				
	78.5	78.7	78.7	81.7	85.8
	6.1	5.7	5.7	5.7	5.9
	39				
	84.3	84.3	84.3	85.4	85.4
	89.5	98.8	101.6	106.3	109.1
	16.1	18.5	18.5	18.7	19.1
	17.9	17.3	20.1	20.7	23
	55.5	62.9	62.9	66.9	66.9
	9.8	9.6	9.6	9.8	9.8
	4.3	4.3	4.3	5.3	5.3
	42.9	45.2	45.2	48.2	50.6
8		39.3/8.7	39.3/8.7	41.5/9.8	41.5/9.8
	36.6	38.1	38.1	39.3	39.3
	36.6	38.1	38.1	38.1	38.1
	78	85.4	88.1	94.4	95.2
	3.7	6.2	6.2	7.8	7.8
	80.9	86.6	89.7	93.7	94.4
	6° /12°				
× 1.3	36.2 × 3.9 × 1.4	36.2 × 3.9 × 1.4	36.2 × 3.9 × 1.4	36.2 × 3.9 × 1.4	36.2 × 3.9 × 1.4
2		10.6/11.8		11.2/11.8	11.8/11.8
8		108/118		98/108	88.6/94.5
		88.6			
52		3820/1870	3820/1990	3600/2200	3710/2200
	36/18	28/20	25/18	23/20	22/20
	6550	7670	8370	9700	11020
20	8950/1450	10750/1320	12360/1530	14330/1980	16750/1980
70	2520/4020	3070/4600	3350/5025	3880/5820	4410/6610
	2X/2				
	Pneumatic				
PR		7.00-12-12PR		28 × 9-15-12PR	28 × 9-15-14PR
PR		6.00-9-10PR		6.50-10-10PR	6.50-10-10PR
	Hydraulic-Foot Pedal				
	Mechanical-Hand Lever				
	12/80				
03 KU11		KUBOTA V2403 KU11 (high power V3600)			KUBOTA V3600
00		45.6/2400			62.7/2400
00		115/1600			154.9/1600
2.4		4-87X102.4			4-8 x 120
		2.434			3.62
		46			70
		1/1			1/1



Ast: Aisle width with load

a: Clearance

b: Length Of Loading



CPGD10/CPCD10

CPGD15/CPCD15

CPGD18/CPCD18

CPGD35/CPCD35

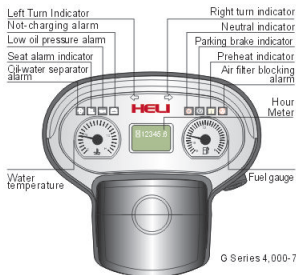
CPGD30/CPCD30

CPGD25/CPCD25

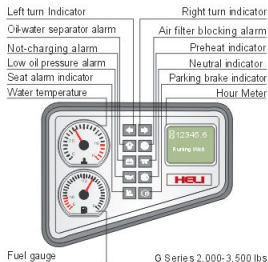
CPGD20/CPCD20

Note:

Vertical axle stands for load capacity while horizontal axle stands for load center. Load center is the distance counted from the front of the fork. The base point of the standard load is the center point of the cubic with the same 39.4 inch dimension in length, width and height. The load capacity should be down, if mast tilts forward, using non-standard forks or loading goods with extra width. Please notice the different load capacity between different load centers according to load chart.



G Series 4,000-7,000 lbs



G Series 2,000-3,500 lbs

2,000-7,000lbs 2-STAGE STANDARD MAST

Mast model	Max. Ht. height (ft)	Capacity at 24" load center							Overall Mast Height (ft)				Tilting Angle		Gross Weight (lb)						
		2000lb	3000lb	3500lb	4000lb	5000lb	6000lb	7000lb	2000-3500lb	4000-6000lb	6000lb	7000lb	2000-3500lb	4000-6000lb	6000lb	7000lb					
M200	18	2000	3000	3500	4000	5000	6000	7000	58.9	59.1	61.8	65.1	5-10	6-12	4937	5951	6114	7494	8199	9521	10844
M250	18	2000	3000	3500	4000	5000	6000	7000	68.1	68.9	71.7	76	5-10	6-12	4992	6006	6169	7549	8254	9576	10900
M300	118	2000	3000	3500	4000	5000	6000	7000	78.5	78.7	81.3	85.8	5-10	6-12	5069	6083	6246	7626	8331	9653	10977
M330	130	2000	3000	3500	4000	5000	6000	7000	84.4	84.6	87.4	91.7	5-10	6-12	5102	6116	6279	7659	8364	9686	11010
M350	137	2000	3000	3500	4000	5000	6000	7000	89.4	89.6	92.3	96.7	5-10	6-12	5135	6149	6312	7692	8397	9719	11063
M370	145	2000	3000	3500	4000	5000	6000	7000	92.3	92.5	95.3	99.6	5-10	6-12	5179	6193	6356	7736	8441	9763	11107
M400	157	2000	3000	3500	4000	5000	6000	7000	100.2	100.4	103.1	107.5	5-10	6-12	5266	6280	6443	7823	8528	9850	11194
M450	177	1900	2900	3100	3600	4300	5500	6100	110	110.2	113	117.3	5-6	6-6	5334	6348	6510	7890	8595	9917	11261
M500	196	1800	2800	3000	3500	4200	5400	6000	119.9	120.1	122.8	127.2	5-6	6-6	5411	6425	6587	7967	8672	9994	11338
M550	216	1700	2700	2900	3400	4100	5300	5900	131.7	131.9	134.6	139	3-6	3-6	5774	6788	7251	8111	8816	10138	11481
M600	235	1700	2700	2900	3400	4100	5300	5900	141.5	141.7	144.5	148.8	3-6	3-6	5841	6854	7317	8177	8882	10204	11547

NOTE: (1) Dual drive wheels weight add 242 lbs.

(2) * Front wheel is dual drive.

(3) Rated capacity with (*) shows capacity with dual drives.

(4) Max. lifting height without load bracket: +14.5"

2,000-7,000 lbs 2-STAGE FULL FREE MAST

Mast model	Max. Ht height (ft)	Capacity at 24" load center								Overall Mast Height (ft)			Free Lifting Capacity (ft)			Tilting Angle			Gross Weight (lb)						
		2000lb	3000lb	3500lb	4000lb	5000lb	6000lb	7000lb	2000-4000lb	4000lb	7000lb	2000-4000lb	4000lb	7000lb	2000lb	3000lb	3500lb	4000lb	5000lb	6000lb	7000lb				
2M200	18	2000	3000	3500	4000	5000	6000	7000	59.9	59.1	61.8	66.1	20.5	19.3	13.4	18.1	5-10	6-12	4970	6006	6481	7682	8287	9631	10954
2M250	18	2000	3000	3500	4000	5000	6000	7000	68.7	68.9	71.7	76	25.3	29.1	23.2	29.8	5-10	6-12	5102	6116	6623	7823	8428	9772	11104
2M300	118	2000	3000	3500	4000	5000	6000	7000	78.5	78.7	81.3	85.8	39.2	39.1	36.4	41.0	5-10	6-12	5179	6193	6700	7900	8505	9849	11181
2M330	130	2000	3000	3500	4000	5000	6000	7000	84.4	84.6	87.4	91.7	44.1	43.9	41.2	45.8	5-10	6-12	5223	6237	6744	7944	8549	9893	11225
2M350	137	2000	3000	3500	4000	5000	6000	7000	89.4	89.6	92.3	96.7	48.8	48.6	45.9	50.6	5-10	6-12	5267	6281	6788	7988	8593	9937	11269
2M370	145	2000	3000	3500	4000	5000	6000	7000	92.3	92.5	95.3	99.6	52	51.8	49.1	53.8	5-10	6-12	5290	6304	6811	8011	8616	9960	11292
2M400	157	2000	3000	3500	4000	5000	6000	7000	100.2	100.4	103.1	107.5	59.8	59.6	56.9	61.6	5-6	6-6	5400	6414	6921	8121	8726	10069	11413

NOTE: (1) Dual drive wheels weight add 242 lbs.

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(4) Max. lifting height without load bracket: +14.5"

(5) 2000-3500lbs Free lifting height without load bracket: +14.5"

4000-5000lbs Free lifting height without load bracket: +15.6"

6000lbs Free lifting height without load bracket: +19.3"

7000lbs Free lifting height without load bracket: +16.2"

2,000-7,000 lbs 3-STAGE FULL FREE MAST

Mast model	Max. Ht height (ft)	Capacity at 24" load center							Overall Mast Height (ft)			Free Lifting Capacity (ft)			Tilting Angle		Gross Weight (lb)									
		2000lb	3000lb	3500lb	4000lb	5000lb	6000lb	7000lb	2000-4000lb	4000lb	7000lb	2000-4000lb	4000lb	7000lb	2000lb	3000lb	3500lb	4000lb	5000lb	6000lb	7000lb					
3M200	147 T3A	2000	2900	3500	4000	5000	2400	2600	3300	70.5	70.7	76	76	30.3	30.9	29.1	29.3	5-6	5-6	5279	6314	6799	8023	8728	10029	11351
3M250	157 T3A	2000	2900	3500	4000	5000	2400	2600	3300	75.4	75.6	80.9	80.9	35	35.9	34.1	34.3	5-6	5-6	5334	6370	6864	8087	8792	10094	11417
3M300	177 T3A	1900	2700	3100	3100	4100	2400	2600	3300	80.3	80.5	85.8	85.8	40.2	40.1	39.2	39.2	5-6	5-6	5389	6425	6910	8133	8838	10140	11461
3M330	177 T3A	1900	2800	3200	3200	4300	2400	2600	3300	82.3	82.5	87.8	87.8	42.1	42.7	40.9	41.1	5-6	5-6	5425	6460	6945	8168	8873	10175	11496
3M350	187 T3A	1900	2800	3200	3400	4500	2400	2600	3300	86	86	91.8	91.8	44.9	45.3	43.9	44.1	5-6	5-6	5471	6506	6991	8214	8919	10221	11542
3M400	197 T3A	1900	2800	3200	3400	4500	2400	2600	3300	92.2	92.4	97.7	97.7	50	50.8	49.4	49.6	5-6	5-6	5554	6589	7074	8297	8999	10301	11623
3M450	197 T3A	1900	2800	3200	3400	4500	2400	2600	3300	96.2	96.4	101.7	101.7	45.1	45.7	44.3	44.5	5-6	5-6	5609	6644	7129	8352	9054	10327	11649
3M500	197 T3A	1900	2800	3200	3500	4600	2400	2600	3300	100.2	100.4	105.7	105.7	50	50.8	49.4	49.6	5-6	5-6	5664	6700	7184	8407	9109	10411	11733
3M550	217 T3A	1900	2800	3200	3500	4600	2400	2600	3300	104.2	104.4	109.7	109.7	45.1	45.7	44.3	44.5	5-6	5-6	5719	6754	7239	8462	9164	10466	11788
3M600	237 T3A	1900	2800	3200	3500	4600	2400	2600	3300	108.2	108.4	113.7	113.7	45.1	45.7	44.3	44.5	5-6	5-6	5774	6809	7294	8517	9219	10521	11843

NOTE: (1) Dual drive wheels weight add 242 lbs.

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(5) 2000-3500lbs Free lifting height without load bracket: +14.5"

4000-5000lbs Free lifting height without load bracket: +15.6"

6000lbs Free lifting height without load bracket: +19.3"

7000lbs Free lifting height without load bracket: +16.2"



2,000-7,000 lbs
G Series
Pneumatic Tire Forklift

STANDARD EQUIPMENT

Hour meter	Rear combo lights
Horn	Back-up alarm
Oil pressure alarm	Power brake (2-3.5t)
Three-spool control valve	Neutral switch
Power steering	Speed-limiting valve
Rubber pedal pad	Hydraulic oil gauge
Load backrest	Oil gauge
Rear view mirror	Battery-charge indicator
Front combo lights	Wide-view mast
Complete tool kit	Combined display
Transmission oil filter	Tow pin
Water temperature meter	Central control box
130 inch standard 2-stage mast	Standard semi-suspension seat

OPTIONS

Cab	Side shifter
Amber flashing light	2-stage full free lift mast
Vertical exhaust	3-stage full free lift mast
Double air filter	
Full suspension seat	
Cab heater	
Solid pneumatic tire	
Windshield	
Fire extinguisher	
Rear work light	
Tilt cylinder boot	
Steering cylinder sleeve	
Dual drive tires	



Frontier Forklifts

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