

Model	2050H (LIGHT)	2050H (LIGHT)
Engine	Cummins B3.3TAA	GM VORTEC
Fuel Type	Diesel	Gas/LPG
Capacity @ 500 mm LC	5,000 kg	5,000 kg
Capacity @ 24"LC	10,000 lbs	10,000 lbs

2050H(LIGHT) FORKLIFTS

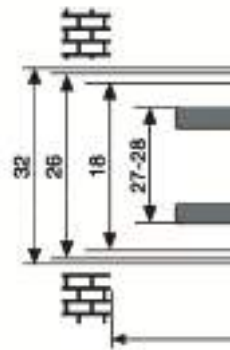
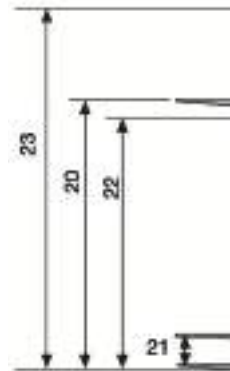


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2050H(LIGHT) DIESEL PNEUMATIC TIRE FORKLIFTS >>>

General	Make	1			LiuGong		LiuGong	
	Model	2			CLG2050H(LIGHT)		CLG2050H(LIGHT)	
	Power Type	3			Dual: Gas/LPG		Diesel Tier III	
	Unit of Measure	4			Imperial	Metric	Imperial	Metric
	Operator Type	5			Sit-Down Rider		Sit-Down Rider	
	Base Capacity	6	@ rated load center	lbs [kg]	10,000	5,000	10,000	5,000
	Load Center	7		in [mm]	24.0	500	24.0	500
Weights	Service Weight	8	unloaded	lbs [kg]	15,102	6,850	15,102	6,850
	Axle Load	9	loaded, front	lbs [kg]	23,512	10,665	23,512	10,665
		10	loaded, rear	lbs [kg]	2,612	1,185	2,612	1,185
		11	unloaded, front	lbs [kg]	6,797	3,083	6,797	3,083
		12	unloaded, rear	lbs [kg]	8,305	3,767	8,305	3,767
Tires	Tire Type	13			Pneumatic		Pneumatic	
	Wheels	14	front / rear		2 / 2		2 / 2	
	Wheelbase	15		in [mm]	78.7	2,000	78.7	2,000
	Tire Size	16	front		300-15-18PR		300-15-18PR	
		17	rear		7.0-12-12PR		7.0-12-12PR	
	Tread Width	18	front		46.5	1,180	46.5	1,180
		19	rear		46.9	1,190	46.9	1,190
Mast	Max. Fork Height	20	with std 2-stage mast	in [mm]	118.1	3,000	118.1	3,000
	Freelift	21	with std 2-stage mast	in [mm]	7.7	195	7.7	195
	Height, Upright Lowered	22	with std 2-stage mast	in [mm]	90.2	2,290	90.2	2,290
	Height, Upright Extended	23	with std 2-stage mast	in [mm]	171.3	4,350	171.3	4,350
	Mast Tilt, Fwd/Back	24	with std 2-stage mast	deg	6/12		6/12	
	Carriage	25	ISO Class		III		III	
		26	width	in [mm]	57.1	1,450	57.1	1,450
	Fork Spread	27	minimum	in [mm]	13.7	348	13.7	348
		28	maximum	in [mm]	48.7	1,238	48.7	1,238
	Fork Dimension	29	T x W x L	in	2.0 x 5.9 x 42.1		2.0 x 5.9 x 42.1	
30				50 x 150 x 1,070		50 x 150 x 1,070		
Chassis	Length to Fork Face	31	with std 2-stage mast	in [mm]	124.0	3150	124.0	3,150
	Overall Width	32		in [mm]	58.3	1,480	58.3	1,480
	Overhead Guard Height	33		in [mm]	90.9	2,310	90.9	2,310
	Turning Radius	34	minimum outside	in [mm]	110.2	2,800	110.2	2,800
	Fork Overhang	35	with std 2-stage mast	in [mm]	21.9	555	21.9	555
	Right Angle Stack	36	add load length and clearance	in [mm]	182.1	4,625	182.1	4,625
	Ground Clearance	37	minimum loaded	in [mm]	4.7	120	4.7	120
		38	center of wheelbase	in [mm]	5.3	135	5.3	135
Performance	Travel Speed	39	loaded	mph[km/h]	14.9	24	14.9	24
		40	unloaded	mph[km/h]	15.5	25	15.5	25
	Lift Speed	41	loaded	fpm[m/s]	82.7	0.42	82.7	0.42
		42	unloaded	fpm[m/s]	106.3	0.54	106.3	0.54
	Lower Speed	43	loaded	fpm[m/s]	104.3	0.53	104.3	0.53
		44	unloaded	fpm[m/s]	94.5	0.48	94.5	0.48
	Max. Drawbar Pull	45	loaded	lbs [kg]	7,275	3,300	7,275	3,300
Max. Gradeability	46	loaded / unloaded	%	20/20		20 / 20		
Systems	Brakes	47	service		Foot / Hyd		Foot / Hyd	
		48	parking		Hand / Mech		Hand / Mech	
	Engine	49	manufacturer		GM		Cummis	
		50	model		VORTEC		B3.3 TAA	
		51	emission compliance		EPA TIER IV		EPA/Euro Tier III	
		52	cylinders		6		4	
		53	displacement	liter	4.3		3.3	
		54	rated power	HP[kw]	110.0	82	80.5	60
				rpm	2,400		2,200	
		55	max. torque	lb/ft[N/m]	239	324	224	304
				rpm	2,400		1,600	
	Transmission	56	type		Powershift		Powershift	
		57	speeds, fwd/rev		2 / 1		2 / 1	
	Hydraulic Pressure	58	system	psi[bar]	2,538	175	2,538	175
		59	attachment	psi[bar]	2,538	175	2,538	175



Note: Dimension and performance are nominal values and may vary.

AVAILABLE OPTIONS

Contact your local LiuGong distributor for application. Some of the available options include:

- Standard two-stage, full mast
- Sideshifter carriages
- Dual function auxiliary hydraulics
- Variety of fork styles and capacities
- Solid pneumatic tires
- Full suspension seat
- Warning lights
- Fire extinguisher

Mast Type	Maximum Fork Height (MFH)	
	mm	in
Standard 2-Stage	3000	118.1
	4000	157.5
	4500	177.2
	5000	196.9
Full Free 2-Stage	3000	118.1
Full Free 3-Stage	4500	177.2
	4800	189.0
	5000	196.9



Performance values are subject to change without notice. Performance specs may vary by machine.

Consult your dealer for options available to optimize your LiuGong forklift to your application. Factory options available are listed here.

Options include free two-stage and three-stage masts up to 6.0 M lift height

Options include hydraulic valve and hosing
Options include different fork lengths



Mast Overall Lowered Height (OAL)		Free Lift (FL) with Load Backrest*		Mast Tilt Angle (F/B)	Total Weight with Standard Forks	
mm	in	mm	in	degrees	kg	lbs
2282	89.8	180	7.1	6 / 12	6850	15102
2832	111.5	180	7.1	6 / 6	7035	15509
3082	121.3	180	7.1	6 / 6	7100	15653
3382	133.1	180	7.1	3 / 6	7180	15829
2282	89.8	837	33.0	6 / 12	6950	15322
2272	89.4	962	37.9	6 / 6	7015	15465
2432	95.7	1082	42.6	6 / 6	7135	15730
2502	98.5	1132	44.6	3 / 6	7215	15906

2050H(LIGHT) DIESEL PNEUMATIC TIRE FORKLIFTS >>>



DRIVELINE

Two engine choices:

- **GM VORTEC 6-cylinder 4.3L dual fuel (Gas/LPG) engine (110 HP)**
Proven and durable workhorse engine which is the standard in the industry. Meets EPA emission compliance
- **Cummins B3.3TAA 4-cylinder 3.3 L turbocharged diesel (80.5 HP)**
Popular engine known for its strong performance and durability Meets EPA and Euro Tier III emissions compliance

Electronically controlled two-speed power-shift transmission with hydraulic pump PTO.

Single piece drive axle housing provides durability and leak resistant. Mounting for the floating driveline.

CHASSIS

Cushion mounted compartment isolates the operator from vibration making him more comfortable and productive. **(3)**

Open step and spacious foot room allow for easy access and comfortable operation for the operator.

Heavy duty fabricated steer axle features hydrostatic steering and tapered roller bearings for ease of operation and long service life.

Dual pumps mounted to the transmission provide for powerful hydraulic performance and are easily accessible for service. **(2)**

MAST

Our masts feature wide channel spacing and the secondary lift chains and auxiliary hydraulics are mounted at 90 degrees behind the channels on the three stage masts for improved forward visibility.

The fork carriage and mast channels have large side thrust rollers for strength, high reliability and are located for easy service.

OPERATOR COMPARTMENT

Optional full-suspension seat provides world-class comfort, which is adjustable for weight, leg room and back angle. **(1)**

The seat side hydraulic controls combine ergonomics and simplicity to provide a cost effective and reliable system that maximizes operator productivity. **(1)**

The informative display is mounted on the tilting steer column and features: fuel level gauge, engine coolant temperature gauge, hour meter, fault codes, neutral indicators, turn signal indicators, system warning, battery charging fault, transmission oil temperature warning, engine oil pressure warning, park brake set indicator and glow plug indicator. **(4)**

EXTRAS

The standard light package includes two front combination flood/turn signal lights and the LiuGong rear light bar which features LED turn/brake/back-up lights. **(6)** All electrical components use automotive style sealed connectors for high reliability.

Standard features on the Cummins engine include dual element air filtration and an elevated air pre-cleaner **(5)** to provide outstanding protection in dusty applications.

A STRONG FOUNDATION. A STRONG FUTURE.

LiuGong was founded in 1958 in Liuzhou, China. Since then, we have become one of the world's most respected, premier heavy equipment and industrial equipment manufacturers. LiuGong engineers simple, serviceable designs that are reliable and remarkably durable.

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We don't just provide a world-class machine; we provide all the service and support you need. With over 2,650 sales outlets, 380 dealers, 24 manufacturing facilities, 10 regional parts depots and nine global offices located strategically throughout the world we ensure rapid replacement of parts and servicing of equipment. We have all your local service and support needs covered.

With LiuGong, you know you'll get the personal attention you deserve because you don't have time for anything less.

Contact your local LiuGong Forklift dealer for more information.