


2040H

FORKLIFTS

Doc+or
FORKLIFT



Model	2040H	2040H
Engine	Cummins B3.3TAA	PSI 4.3 L
Fuel Type	Diesel	GAS/LPG
Capacity @ 500 mm LC	4,000 kg	4,000 kg
Capacity @ 24 in LC	8,000 lb	8,000 lb

 **LIUGONG**

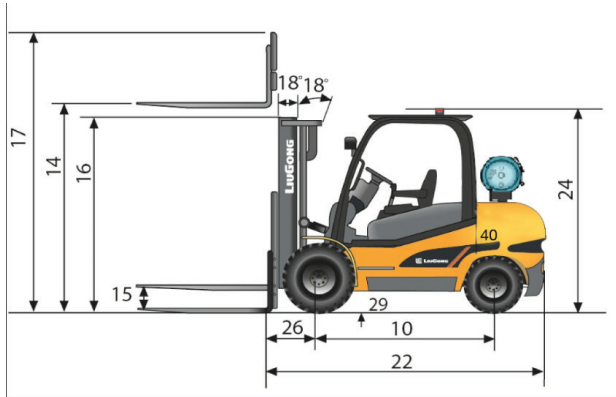


MODERN.ERGONOMIC.DURABLE.WELL SUPPORTED.

2040H PNEUMATIC TIRE FORKLIFT >>>

General	Make	1	LiuGong		LiuGong			
	Model	2	CLG2040H		CLG2040H			
	Power Type	3	GAS/LPG		Diesel			
	Unit of Measure	4	Imperial	Metric	Imperial	Metric		
	Operator Type	5	Sit-Down Rider		Sit-Down Rider			
	Base Capacity	6	@ rated load center	lb [kg]	8,000	4,000	8,000	4,000
	Load Center	7		in [mm]	24.0	500	24.0	500
Weights	Service Weight	8	unloaded	lb [kg]	14,550	6,600	14,220	6,450
	Axle Load	9	loaded, front	lb [kg]	21,307	9,665	20,337	9,225
		10	loaded, rear	lb [kg]	2,061	935	2,701	1,225
		11	unloaded, front	lb [kg]	6,797	3,083	6,400	2,903
		12	unloaded, rear	lb [kg]	7,754	3,517	7,820	3,547
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]	12.6	320	12.6	320
		28	maximum	in [mm]	47.6	1,210	47.6	1,210
	Fork Dimension	29	T x W x L	in	2.0 x 4.8 x 42.1		2.0 x 4.8 x 42.1	
30			mm	50 x 122 x 1070		50 x 122 x 1070		
Chassis	Length to Fork Face	31	with std 2-stage mast	in [mm]	120.1	3,050	121.3	3,080
	Overall Width	32		in [mm]	58.3	1,480	58.3	1,480
	Overhead Guard Height	33		in [mm]	90.9	2,310,0	90.9	2,310
	Turning Radius	34	minimum outside	in [mm]	106.3	2,700	107.9	2,740
	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	179.7	4,565
	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]	13.0	21	14.9	24
		40	unloaded	mph [km/h]	15.5	25	15.5	25
	Lift Speed	41	loaded	fpm [m/s]	106.3	0.54	82.7	0.42
		42	unloaded	fpm [m/s]	106.3	0.54	106.3	0.54
	Lower Speed	43	loaded	fpm [m/s]	84.6	0.43	104.3	0.53
		44	unloaded	fpm [m/s]	65.0	0.33	94.5	0.48
Max. Drawbar Pull	45	loaded	lb [kg]	9,392	4,260	7275	3,300	
Systems	Max. Gradeability	46	loaded / unloaded	%	20/20		20/20	
		47	service		Foot / Hyd		Foot / Hyd	
	Brakes	48	parking		Hand / Mech		Hand / Mech	
		49	manufacturer		PSI		Cummins	
	Engine	50	model		4.3 L		3.3L Turbo	
		51	emission compliance		EPA T4		Tier III	
		52	cylinders		6		4	
		53	displacement	liter	4.30		3.3	
			rated power	HP [kw]	103.9(LPG)/94.5(GAS)	77.5(LPG)/70.7(GAS)		81.0
		55		rpm	1,700		2,200	
		56	max. torque	lb/ft [N/m]	239(LPG)/212(GAS)		323.6(LPG)/287(GAS)	
		57		rpm	1,700		1500	
	Transmission	58	type		Powershift		Powershift	
		59	speeds, fwd/rev		2 / 2		2 / 2	
	Hydraulic Pressure	60	system	psi [bar]	2,683	185	2,683	185
		61	attachment	psi [bar]	2,683	185	2,683	185

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Note: Dimension and performance values are subject to change without notice. Performance specs are nominal values and may vary by machine.

AVAILABLE OPTIONS

Contact your local Liugong dealer for options available to optimize your Liugong forklift to your application. Some of the factory options available are listed here.

- Side shifter carriages
- Dual function auxiliary hydraulic valve and hosing
- Variety of fork styles and lengths
- Solid pneumatic tires
- Full suspension seat
- Warning lights
- Fire extinguisher



Mast Type	Maximum Fork Height (MFH)		Mast Overall Lowered Height (OAL)		Free Lift (FL) with Load Backrest*		Mast tilt Angle	Total Weight with Standard Forks	
	mm	in	mm	in	mm	in		kg	lb
Standard 2-Stage	3.000	118.1	2.282	89.8	180	7.1	6 / 12	6.600	14,550
	4.000	157.5	2.832	111.5	180	7.1	6 / 6	6.785	14,958
	4.500	177.2	3.082	121.3	180	7.1	6 / 6	6.850	15,102
	5.000	196.9	3.382	133.1	180	7.1	3 / 6	6.930	15,278
Full Free 2-Stage	3.000	118.1	2.282	89.8	6 / 12	33.0	6 / 12	6.700	14,771
	4.500	177.2	2.272	89.4	6 / 6	37.9	6 / 6	6.755	14,914
Full Free 3-Stage	4.800	189.0	2.432	95.7	6 / 6	42.6	6 / 6	6.885	15,179
	5.000	196.9	2.502	98.5	3 / 6	44.6	3 / 6	6.965	15,355



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DRIVELINE

Two engine choices:

- **PSI 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.

Today, LiuGong employs more than 8,000 including over 1,000 engineers working in five world-class research and development facilities around the world.

When you purchase a LiuGong machine, you get an easy to own, easy to maintain piece of equipment and you join forces with a company that has spent the past 60 years dedicating itself to making your job easier. Learn more about LiuGong at www.liugongna.com

LIUGONG SERVICE AND SUPPORT, LIKE NO OTHER.

We don't just provide a world-class machine; we provide all the service and support you need. Our dealers and customers are supported by 12 regional offices and 9 global parts centers, all offering expert training, parts and service support.

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.

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