

# CLG2030H / 2035H

Diesel & LPG / Gas • I. C. Pneumatic Tire Forklifts



### DRIVELINE

Three engine choices:

- **Xinchai A490BPG 4-cylinder 2.5L diesel engine (36.8kW)**  
Proven, cost effective engine suitable for most applications  
Meets China Tier II emissions compliance  
\*Not available for the US market
- **Yanmar 4TNE98 4-cylinder 3.3L diesel engine (42.1kW)**  
Popular engine known for its strong performance and durability  
Meets EPA and Euro Tier III emissions compliance
- **Nissan K25 4-cylinder 2.5L LPG engine (37.4kW)**  
Powerful and reliable LPG engine  
\*Not available for the US market

Electronically controlled power-shift transmission with spin-on filter.

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. (4)

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 and is rubber mounted to the chassis to dampen vibration. (5)

### MAST

All new three stage mast which features excellent forward visibility due to low profile primary cylinder design, single lift chain and wide channel spacing. Secondary lift chains and auxiliary hydraulics are mounted at 90 degrees behind the channels so to not interfere with visibility through the mast.

The mast cylinders feature internal drain lines and hydraulic cushioning for smooth, quiet operation. 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. (2)

The seat side hydraulic controls combine ergonomics and simplicity to provide a cost effective and reliable system that maximizes operator productivity. (2)

The informative display is mounted on the tilting steer column and features: fuel level gauge, coolant temperature gauge, hour meter, fault codes, neutral indicator, turn signal indicators, system warning, battery charging fault, transmission oil temperature warning, engine oil pressure warning, park brake set indicator and glow plug indicator. (6)

### 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. (3) All electrical components use automotive style sealed connectors for high reliability.

The swing-down LP tank bracket allows for easy cylinder replacement for all operators. (1)

### 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 employees over 13,000 employees worldwide and has dealers across six continents in more than 90 countries.

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 50 years dedicating itself to making your job easier. Learn more about LiuGong at [www.en.liugong.com](http://www.en.liugong.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. With over 900 sales outlets, 119 dealers, 16 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.

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Pneumatic Tire Forklifts



Model	Capacity @ 500mm LC	Fuel Type	Engine
CLG2030H	3,000 kg	Diesel	Xinchai A490BPG / 2.5 L
CLG2030H	3,000 kg	Diesel Tier III	Yanmar 4TNE98 / 3.3 L
CLG2030H ( LPG )	3,000 kg	Dual: Gas / LPG	Nissan K25 / 2.5 L
CLG2035H	3,500 kg	Diesel	Xinchai A490BPG / 2.5 L
CLG2035H	3,500 kg	Diesel Tier III	Yanmar 4TNE98 / 3.3 L
CLG2035H ( LPG )	3,500 kg	Dual: Gas / LPG	Nissan K25 / 2.5 L

Specifications and designs are subject to change without notice. Machines shown may include optional equipment.

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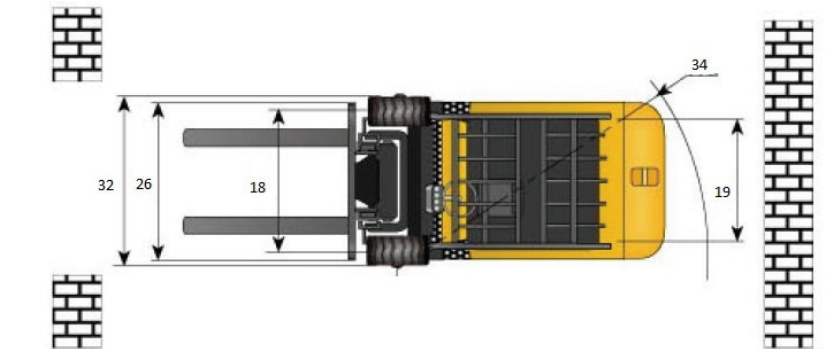
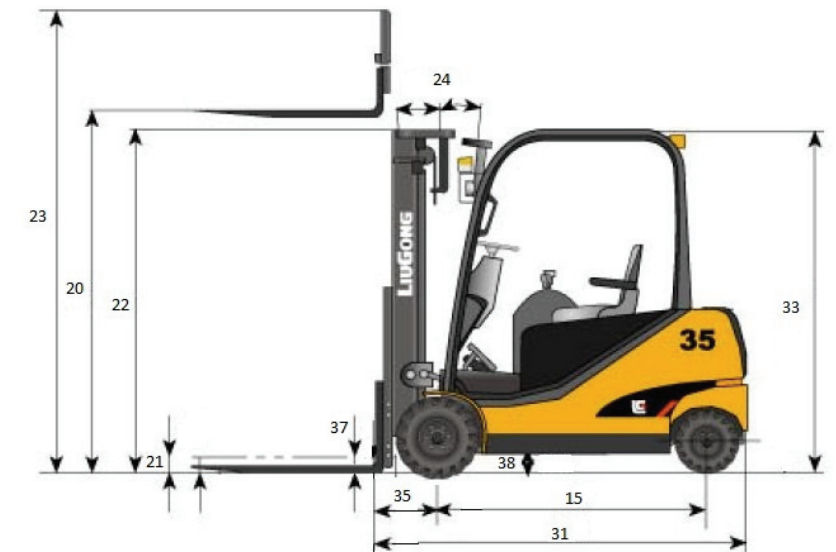
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General	1	Make			LiuGong		LiuGong		LiuGong		LiuGong		LiuGong	
	2	Model			CLG2030H		CLG2030H		CLG2030H (LPG)		CLG2035H		CLG2035H	
	3	Power Type			Diesel		Diesel Tier III		Dual: Gas / LPG		Diesel		Diesel Tier III	
	4	Unit of Measure			Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric
Weights	5	Operator Type			Sit - Down Rider		Sit - Down Rider		Sit - Down Rider		Sit - Down Rider		Sit - Down Rider	
	6	Base Capacity	@ rated load center	lbs [kg]	6,000	3,000	6,000	3,000	6,000	3,000	7,000	3,500	7,000	3,500
	7	Load Center		in [mm]	24.0	500	24.0	500	24.0	500	24.0	500	24.0	500
	8	Service Weight	unloaded	lbs [kg]	10,362	4,700	10,362	4,700	10,362	4,700	11,464	5,200	11,464	5,200
Tires	9	Axle Load	loaded, front	lbs [kg]	14,872	6,746	14,872	6,746	14,872	6,746	16,499	7,484	16,499	7,484
	10		loaded, rear	lbs [kg]	2,235	1,014	2,235	1,014	2,235	1,014	2,590	1,175	2,590	1,175
	11		unloaded, front	lbs [kg]	3,880	1,760	3,880	1,760	3,880	1,760	3,880	1,760	3,880	1,760
	12		unloaded, rear	lbs [kg]	6,349	2,880	6,349	2,880	6,349	2,880	7,275	3,300	7,275	3,300
	13	Tire Type			Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic	
	14	Wheels	front / rear		2 / 2		2 / 2		2 / 2		2 / 2		2 / 2	
	15	Wheelbase		in [mm]	66.9	1,700	66.9	1,700	66.9	1,700	66.9	1,700	66.9	1,700
	16	Tire Size	front		28 x 9 - 15		28 x 9 - 15		28 x 9 - 15		28 x 9 - 15		28 x 9 - 15	
Mast	17		rear		6.50 x 10		6.50 x 10		6.50 x 10		6.50 x 10		6.50 x 10	
	18	Tread Width	front		39.4	1,000	39.4	1,000	39.4	1,000	39.4	1,000	39.4	1,000
	19		rear		38.6	980	38.6	980	38.6	980	38.6	980	38.6	980
	20	Max. Fork Height	with std 2 - stage mast	in [mm]	118.1	3,000	118.1	3,000	118.1	3,000	118.1	3,000	118.1	3,000
	21	Freelift	with std 2 - stage mast	in [mm]	5.1	130	5.1	130	5.1	130	5.1	130	5.1	130
	22	Height, Upright Lowered	with std 2 - stage mast	in [mm]	83.6	2,124	83.6	2,124	83.6	2,124	83.6	2,124	83.6	2,124
	23	Height, Upright Extended	with std 2 - stage mast	in [mm]	168.4	4,278	168.4	4,278	168.4	4,278	168.4	4,278	168.4	4,278
	24	Mast Tilt, Fwd / Back	with std 2 - stage mast	deg	6° / 10°		6° / 10°		6° / 10°		6° / 10°		6° / 10°	
	25	Carriage	ISO Class		III		III		III		III		III	
	26		width	in [mm]	43.3	1,100	43.3	1,100	43.3	1,100	43.3	1,100	43.3	1,100
	27	Fork Spread	minimum	in [mm]	10.7	271	10.7	271	10.7	271	10.7	271	10.7	271
	28		maximum	in [mm]	42.2	1,072	42.2	1,072	42.2	1,072	42.2	1,072	42.2	1,072
Chassis	29	Fork Dimensions	T x W x L	in	1.8 x 4.9 x 42.1		1.8 x 4.9 x 42.1		1.8 x 4.9 x 42.1		1.8 x 4.9 x 42.1		1.8 x 4.9 x 42.1	
	30			mm	45 x 122 x 1,070		45 x 122 x 1,070		45 x 122 x 1,070		50 x 122 x 1,070		50 x 122 x 1,070	
	31	Length to Fork Face	with std 2 - stage mast	in [mm]	107.3	2,726	107.3	2,726	107.3	2,726	109.1	2,770	109.1	2,770
	32	Overall Width		in [mm]	48.8	1,240	48.8	1,240	48.8	1,240	48.8	1,240	48.8	1,240
	33	Overhead Guard Height		in [mm]	83.7	2,125	83.7	2,125	83.7	2,125	83.7	2,125	83.7	2,125
	34	Turning Radius	minimum outside	in [mm]	94.5	2,400	94.5	2,400	94.5	2,400	96.9	2,460	96.9	2,460
	35	Fork Overhang	with std 2 - stage mast	in [mm]	18.7	475	18.7	475	18.7	475	18.7	475	18.7	475
	36	Right Angle Stack	add load length and clearance	in [mm]	164.9	4,189	164.9	4,189	164.9	4,189	167.0	4,241	167.0	4,241
Performance	37	Ground Clearance	minimum loaded	in [mm]	5.3	135	5.3	135	5.3	135	5.3	135	5.3	135
	38		center of wheelbase	in [mm]	5.7	145	5.7	145	5.7	145	5.7	145	5.7	145
	39	Travel Speed	loaded	mph [kph]	11.8	19	11.8	19	11.8	19	11.8	19	11.8	19
	40		unloaded	mph [kph]	12.4	20	12.4	20	12.4	20	12.4	20	12.4	20
	41	Lift Speed	loaded	fpm [ms]	82.7	0.42	82.7	0.42	88.6	0.45	82.7	0.42	88.6	0.45
	42		unloaded	fpm [ms]	102.4	0.52	102.4	0.52	108.3	0.55	102.4	0.52	108.3	0.55
	43	Lower Speed	loaded	fpm [ms]	118.1	0.6	118.1	0.6	118.1	0.6	118.1	0.6	118.1	0.6
	44		unloaded	fpm [ms]	78.7	0.4	78.7	0.4	78.7	0.4	78.7	0.4	78.7	0.4
Systems	45	Max. Drawbar Pull	loaded	lbs [kg]	4,145	1,880	4,409	2,000	4,233	1,920	4,564	2,070	4,905	2,225
	46	Max. Gradeability	loaded / unloaded	%	18 / 20		18 / 20		18 / 20		18 / 20		18 / 20	
	47	Brakes	service		Foot / Hyd		Foot / Hyd		Foot / Hyd		Foot / Hyd		Foot / Hyd	
	48		parking		Hand / Mech		Hand / Mech		Hand / Mech		Hand / Mech		Hand / Mech	
	49		manufacturer		Xinchai		Yanmar		Nissan		Xinchai		Yanmar	
	50		model		A490BPG		4TNE98		K25		A490BPG		4TNE98	
	51		emission compliance		China Tier II		EPA / Euro Tier III		n / a		China Tier II		EPA / Euro Tier III	
	52		cylinders		4		4		4		4		4	
	53	Engine	displacement	liters	2.540		3.318		2.488		2.540		3.318	
	54		rated power	HP [kW]	49.3	36.8	56.5	42.1	50.2	37.4	49.3	36.8	56.5	42.1
	55			rpm	2,650		2,300		2,300		2,650		2,300	
	56		max. torque	lb / ft [N / m]	109	148	145	196.3	130	176.5	109	148	145	196.3
	57			rpm	1,900		1,700		1,600		1,900		1,700	
	58	Transmission	type		Powershift		Powershift		Powershift		Powershift		Powershift	
	59		speeds, fwd / rev		1 / 1		1 / 1		1 / 1		1 / 1		1 / 1	
	60	Hydraulic Pressure	system	psi [bar]	2,611	180	2,611	180	2,611	180	3,046	210	3,046	210
	61		attachment	psi [bar]	2,031	140	2,031	140	2,031	140	2,031	140	2,031	140
	62	Sound Level	at drivers ear	dB(A)	92		91		89		92		91	



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.

- Standard two-stage, full-free two-stage and three-stage masts up to 5.5M lift height
- Extra wide and sideshifter carriages
- Dual function auxiliary hydraulic valve and hosing
- Variety of fork styles and lengths
- Solid pneumatic tires
- Full suspension seat
- Warning lights
- Fire extinguisher
- Dual element air filter
- Vertical exhaust