

Model	Capacity	Range	Fuel Type	Engine
	@ 500mm LC	@ 24" LC		
2020H	2,000 kg	4,000 lbs	Diesel	Yanmar 4TNE92 2.7L
2020H LPG	2,000 kg	4,000 lbs	LPG	GM 3.0L
2025H	2,500 kg	5,000 lbs	Diesel	Yanmar 4TNE92 2.7L
2025H LPG	2,500 kg	5,000 lbs	LPG	GM 3.0L

2020-2025H

FORKLIFTS

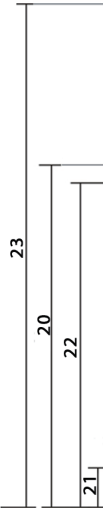


TOUGH WORLD. TOUGH EQUIPMENT.

2020-25H

Diesel & LPG • I. C. Pneumatic Tire Forklifts

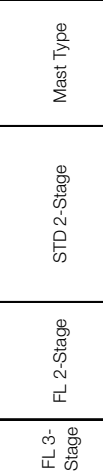
General	1	Make	LiuGong		LiuGong		LiuGong		LiuGong				
	2	Model	2020H		2020H LPG		2025H		2025H LPG				
Weights	3	Power Type	Diesel Tier III		LPG Tier IV		Diesel Tier III		LPG Tier IV				
	4	Unit of Measure	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric			
Tires	5	Operator Type	Sit-Down Rider		Sit-Down Rider		Sit-Down Rider		Sit-Down Rider				
	6	Base Capacity	@ rated load center	lbs [kg]	4000	2000	4000	2000	5000	2500	5000	2500	
	7	Load Center		in [mm]	24.0	500	24.0	500	24.0	500	24.0	500	
	8	Service Weight	unloaded	lbs [kg]	7496	3400	7496	3400	8377	3800	8377	3800	
	9	Axle Load	loaded, front	lbs [kg]	10472	4750	10472	4750	12225	5545	12225	5545	
10	loaded, rear		lbs [kg]	1433	650	1433	650	1664	755	1664	755		
11	unloaded, front		lbs [kg]	2998	1360	2998	1360	3351	1520	3351	1520		
12	unloaded, rear		lbs [kg]	4497	2040	4497	2040	5026	2280	5026	2280		
Mast	13	Tire Type		Pneumatic	Pneumatic		Pneumatic		Pneumatic				
	14	Wheels	front / rear	2 / 2		2 / 2		2 / 2		2 / 2			
	15	Wheelbase	in [mm]	63.0	1600	63.0	1600	63.0	1600	63.0	1600		
	16	Tire Size	front	7.00-12-12PR		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR			
	17		rear	6.00-9-10PR		6.00-9-10PR		6.00-9-10PR		6.00-9-10PR			
	18	Tread Width	front	38.2	970	38.2	970	38.2	970	38.2	970		
	19		rear	38.6	980	38.6	980	38.6	980	38.6	980		
Chassis	20	Max. Fork Height	with std 2-stage mast	in [mm]	118.1	3000	118.1	3000	118.1	3000	118.1	3000	
	21	Freelift	with std 2-stage mast	in [mm]	5.9	150	5.9	150	5.9	150	5.9	150	
	22	Height, Upright Lowered	with std 2-stage mast	in [mm]	79.9	2030	79.9	2030	79.9	2030	79.9	2030	
	23	Height, Upright Extended	with std 2-stage mast	in [mm]	159.3	4045	159.3	4045	159.3	4045	159.3	4045	
	24	Mast Tilt, Fwd/Back	with std 2-stage mast	deg	6° / 12°		6° / 12°		6° / 12°		6° / 12°		
	25	Carriage	ISO Class	II		II		II		II			
	26		width	in [mm]	40.9	1040	40.9	1040	40.9	1040	40.9	1040	
	27	Fork Spread	minimum	in [mm]	8.7	222	8.7	222	8.7	222	8.7	222	
	28		maximum	in [mm]	39.8	1010	39.8	1010	39.8	1010	39.8	1010	
	29	Fork Dimension	T x W x L	in	1.6 x 3.9 x 42.1		1.6 x 3.9 x 42.1		1.8 x 3.9 x 42.1		1.8 x 3.9 x 42.1		
30			mm	40 x 100 x 1070		40 x 100 x 1070		45 x 100 x 1070		45 x 100 x 1070			
Performance	31	Length to Fork Face	with std 2-stage mast	in [mm]	97.6	2480	97.6	2480	100.8	2560	100.8	2560	
	32	Overall Width		in [mm]	45.3	1150	45.3	1150	45.3	1150	45.3	1150	
	33	Overhead Guard Height		in [mm]	85.4	2170	85.4	2170	85.4	2170	85.4	2170	
	34	Turning Radius	minimum outside	in [mm]	86.8	2205	86.8	2205	89.8	2280	89.8	2280	
	35	Fork Overhang	with std 2-stage mast	in [mm]	18.3	464	18.3	465	18.5	469	18.5	470	
	36	Right Angle Stack	add load length and clearance	in [mm]	98.2	2495	98.2	2495	101.2	2570	101.2	2570	
	37	Ground Clearance	minimum loaded	in [mm]	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	
Systems	39	Travel Speed	loaded	mph[km/h]	12.4	20	12.4	20	12.4	20	12.4	20	
	40		unloaded	mph[km/h]	13.0	21	13.0	21	13.0	21	13.0	21	
	41	Lift Speed	loaded	fpm[m/s]	88.6	0.45	88.6	0.45	88.6	0.45	88.6	0.45	
	42		unloaded	fpm[m/s]	108.3	0.55	108.3	0.55	102.4	0.52	102.4	0.52	
	43	Lower Speed	loaded	fpm[m/s]	94.5	0.48	94.5	0.48	94.5	0.48	94.5	0.48	
	44		unloaded	fpm[m/s]	88.6	0.45	88.6	0.45	88.6	0.45	88.6	0.45	
	45	Max. Drawbar Pull	loaded	lbs [kg]	4409	2000	4233	1920	4905	2225	4641	2105	
	46	Max. Gradeability	loaded / unloaded	%	18 / 20		18 / 20		18 / 20		18 / 20		
Systems	47	Brakes	service	Foot / Hyd		Foot / Hyd		Foot / Hyd		Foot / Hyd			
	48		parking	Hand / Mech		Hand / Mech		Hand / Mech		Hand / Mech			
	49	Engine	manufacturer	Yanmar		GM		Yanmar		GM			
	50		model	4TNE92-HRJ		VORTEC		4TNE92-HRJ		VORTEC			
	51		emission compliance	EPA Tier III		EPA Tier IV		EPA Tier III		EPA Tier IV			
	52		cylinders	4		4		4		4			
	53		displacement	liter		2.659		3.0		2.659		3.0	
	54		rated power	HP[kw]	44.0	32.8	71.1	53	44.0	32.8	71.1	53	
	55			rpm	2450		2800		2450		2800		
	56	max. torque	lb/ft[N/m]	103	140	149	202	103	140	149	202		
	57		rpm	1700		1600		1700		1600			
58	Transmission	type	Powershift		Powershift		Powershift		Powershift				
59		speeds, fwd/rev	1 / 1		1 / 1		1 / 1		1 / 1				
60	Hydraulic Pressure	system	psi[bar]	2263	156	2263	156	2625	181	2625	181		
61		attachment	psi[bar]	2263	156	2263	156	2625	181	2625	181		

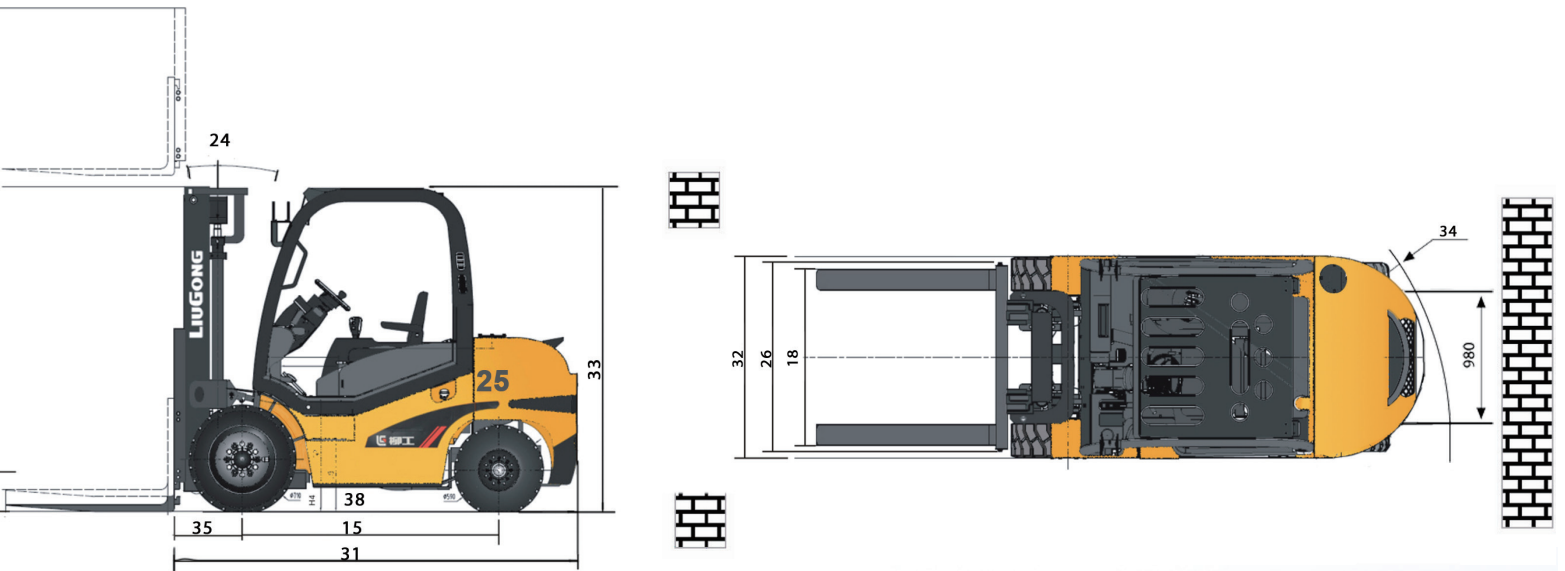


Note: Dim Performance

Available Contact your applic your applic

- Standard
- Extra w
- Side sh
- Dual fu
- Variety
- Solid pr
- Enclose
- Full sus
- Warning
- Fire exti
- Dual ele
- Vertical





Dimension and performance values are subject to change without notice. All specifications are nominal values and may vary by machine.

Options:

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

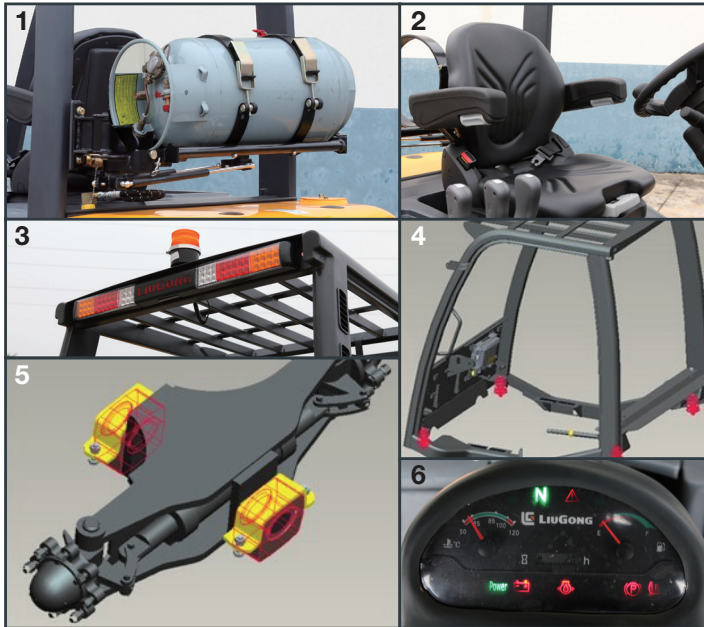
- Mast: two-stage, full-free two-stage and three-stage masts up to 6.0M lift height
- Side shift carriages
- Fork lifter, fork positioner and side shifting fork positioning attachments
- Auxiliary hydraulic valve and hosing
- Variety of fork styles and lengths
- Solid pneumatic tires
- Enclosed cabin
- Suspension seat
- Working lights
- Fire extinguisher
- Supplemental air filter
- Exhaust



Maximum Fork Height (MFH)		Mast Overall Lowered Height (OAL)		Free Lift (FL) with Load Backrest*		Mast Tilt Angle (F/B)	2020H Total Weight with Standard Forks		2025H Total Weight with Standard Forks	
mm	in	mm	in	mm	in	degrees	kg	lbs	kg	lbs
3000	118.1	2040	80.3	150.0	5.9	6 / 12	3400	7496	3800	8377
3300	129.9	2190	86.2	150.0	5.9	6 / 12	3421	7542	3821	8424
3500	137.8	2290	90.2	150.0	5.9	6 / 12	3435	7573	3835	8455
4000	157.5	2590	102.0	150.0	5.9	6 / 6	3546	7818	3946	8699
4500	177.2	2840	111.8	150.0	5.9	6 / 6	3651	8049	4051	8931
5000	196.9	3140	123.6	150.0	5.9	3 / 6	3755	8278	4155	9160
3000	118.1	2035	80.1	947	37.3	6 / 12	3465	7639	3865	8521
3300	129.9	2185	86.0	1097	43.2	6 / 12	3481	7674	3881	8556
3500	137.8	2285	90.0	1197	47.1	6 / 12	3495	7705	3895	8587
4000	157.5	2535	99.8	1447	57.0	6 / 6	3626	7994	4026	8876
4500	177.2	2095	82.5	1007	39.6	6 / 6	3825	8433	4225	9314
4700	185.0	2165	85.2	1077	42.4	6 / 6	3845	8477	4245	9359

2020-25H

Diesel & LPG • I. C. Pneumatic Tire Forklifts



DRIVELINE

Two engine choices:

- **Yanmar 4TNE92 4-cylinder 2.7 L diesel engine (32.8 kW)**
Popular engine known for its strong performance and durability
Meets EPA Tier III emissions compliance
- **GM 4-cylinder 3.0L LPG engine (53 kW)**
Powerful and reliable LPG engine
Popular engine known for its strong performance and durability
Meets EPA Tier IV emissions compliance

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

The 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)

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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 manufactures. LiuGong engineers simple, serviceable designs that are reliable and remarkably durable.

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