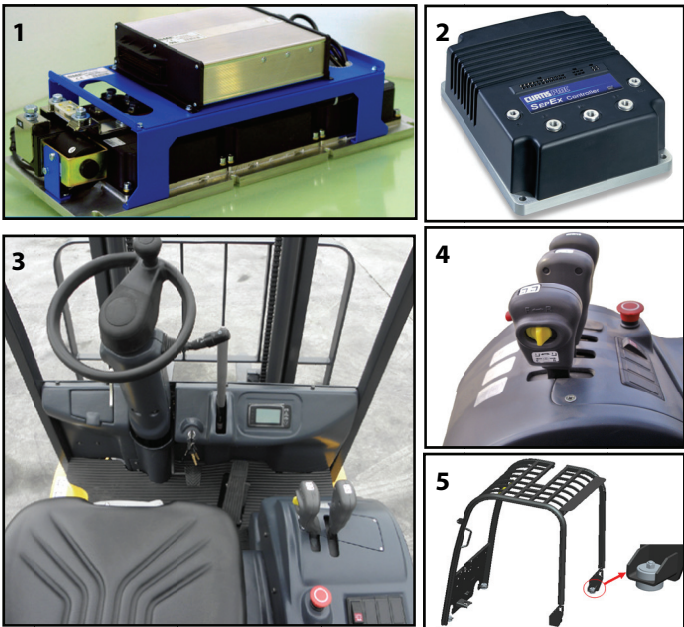


CLG2015 - 25A / D

Electric 4 - Wheel Pneumatic Tire Forklifts



- DRIVELINE**
- Two power system choices:
- **SME AC Control System (1)**
AC drive motor (brushless)
AC hydraulic motor (brushless)
 - **Curtis SepEx DC Control System (2)**
DC SepEx drive motor
DC Series hydraulic motor

SME AC System

The Italian made SME control system provides state-of-the-art technology for maximum performance and efficiency and features three performance modes. The SME “EYE” diagnostic software allows for quick parameter changes and diagnostic troubleshooting. The 100% AC system eliminates motor brushes to maximize performance and minimize maintenance.

Curtis DC System

The American made Curtis control system is proven and cost effective DC SepEx technology and features four performance modes. The Curtis 1307 handheld allows easy programming and diagnostics.

CHASSIS

The frame structure was designed using Computer Aided Engineering (CAE) software for increased strength and durability. 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. The cushion mounted overhead guard minimizes vibration making the operator more comfortable and productive. (5)

The spacious battery compartment allows for battery capacities of 540Ah (up to 1.8 tons) or 720Ah (up to 2.5 tons) for extended operation.

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

The seat side hydraulic controls combine ergonomics and simplicity to provide a cost effective and reliable system that maximizes operator productivity. Directional change is performed via the yellow thumb-switch on the lift lever for easy operation. (4)

The operator presence system provides additional protection for the operator by cutting power to the drive motors and locking out the hydraulic operation when the operator leaves the seat. A warning alarm also notifies the operator to set the park brake before leaving the machine unattended.

Optional full-suspension seat provides world-class comfort, which is adjustable for weight, leg room and back angle. (3)

The informative instrument panel is mounted on the cowl and features: battery level indicator, hour meter, fault code display, turn signal indicators, system warning, park brake set indicator, low brake fluid, travel speed, OPS function, steer angle indicator and maintenance due indicator.

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. All electrical components use automotive style sealed connectors for high reliability.

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

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.

CLG2015 - 25A / D

Electric 4 - Wheel
Pneumatic Tire Forklifts



Model	Capacity @ 500 mm LC	Voltage	Controller
CLG2015A	1,500 kg	48 volt	SME AC (Italy)
CLG2015D	1,500 kg	48 volt	Curtis DC (USA)
CLG2018A	1,800 kg	48 volt	SME AC (Italy)
CLG2018D	1,800 kg	48 volt	Curtis DC (USA)
CLG2020A	2,000 kg	48 volt	SME AC (Italy)
CLG2020D	2,000 kg	48 volt	Curtis DC (USA)
CLG2025A	2,500 kg	48 volt	SME AC (Italy)
CLG2025D	2,500 kg	48 volt	Curtis DC (USA)

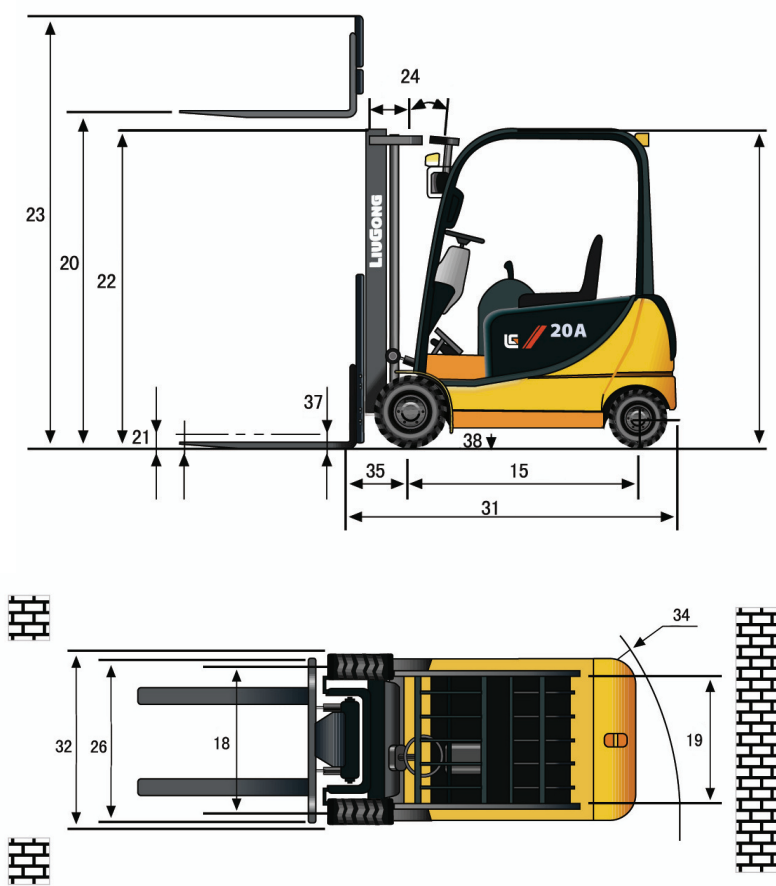


CLG2015 - 25A / D

Electric 4 - Wheel Pneumatic Tire Forklifts



General	1	Make		LiuGong	LiuGong	LiuGong	LiuGong	LiuGong	LiuGong	LiuGong
	2	Model		CLG2015D	CLG2015A	CLG2018D	CLG2018A	CLG2020D	CLG2020A	CLG2025A
	3	Power Type		Electric	Electric	Electric	Electric	Electric	Electric	Electric
	4	Unit of Measure		Metric	Metric	Metric	Metric	Metric	Metric	Metric
	5	Operator Type		Sit - Down Rider	Sit - Down Rider	Sit - Down Rider	Sit - Down Rider	Sit - Down Rider	Sit - Down Rider	Sit - Down Rider
	6	Base Capacity	@ rated load center	lbs [kg]	1,500	1,500	1,800	1,800	2,000	2,500
	7	Load Center		in [mm]	500	500	500	500	500	500
Weights	8	Service Weight	unloaded with minimum weight battery	lbs [kg]	3,200	3,200	3,400	3,400	3,750	4,200
	9	Axle Load	loaded, front	lbs [kg]	3,954	3,954	4,544	4,544	4,985	5,874
	10		loaded, rear	lbs [kg]	746	746	656	656	765	826
	11		unloaded, front	lbs [kg]	1,480	1,480	1,533	1,533	1,783	1,822
	12		unloaded, rear	lbs [kg]	1,720	1,720	1,867	1,867	1,967	2,378
Tires	13	Tire Type		Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
	14	Wheels	front / rear		2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2
	15	Wheelbase		in [mm]	1,340	1,340	1,340	1,340	1,510	1,510
	16	Tire Size	front		6.00 - 9 - 12 PR	6.00 - 9 - 12 PR	21 x 8 - 9 - 14 PR	21 x 8 - 9 - 14 PR	23 x 9 - 10 - 16 PR	23 x 9 - 10 - 16 PR
	17		rear		5.00 - 8 - 8 PR	5.00 - 8 - 8 PR	5.00 - 8 - 8 PR	5.00 - 8 - 8 PR	18 x 7 - 8 - 14 PR	18 x 7 - 8 - 14 PR
	18	Tread Width	front		970	970	1,020	1,020	970	970
	19		rear		880	880	880	880	880	880
Mast	20	Max. Fork Height	with std 2 - stage mast	in [mm]	3,000	3,000	3,000	3,000	3,000	3,000
	21	Freelift	with std 2 - stage mast	in [mm]	135	135	135	140	140	140
	22	Height, Upright Lowered	with std 2 - stage mast	in [mm]	2,045	2,045	2,045	2,045	2,045	2,045
	23	Height, Upright Extended	with std 2 - stage mast	in [mm]	4,115	4,115	4,115	4,115	4,115	4,115
	24	Mast Tilt, Fwd / Back	with std 2 - stage mast	deg	6° / 7°	6° / 7°	6° / 7°	6° / 7°	6° / 7°	6° / 7°
	25	Carriage	ISO Class		II	II	II	II	II	II
	26		width	in [mm]	1,040	1,040	1,040	1,040	1,040	1,040
	27	Fork Spread	minimum	in [mm]	215	215	215	215	215	215
	28		maximum	in [mm]	1,040	1,040	1,040	1,040	1,040	1,040
	29	Fork Dimensions	T x W x L	in	1.4 x 3.9 x 36.2	1.4 x 3.9 x 36.2	1.4 x 3.9 x 36.2	1.4 x 3.9 x 36.2	1.6 x 4.7 x 42.1	1.6 x 4.7 x 42.1
Chassis	30			mm	35 x 100 x 920	35 x 100 x 920	35 x 100 x 920	35 x 100 x 920	40 x 120 x 1,070	40 x 120 x 1,070
	31	Length to Fork Face	with std 2 - stage mast	in [mm]	2,035	2,035	2,035	2,035	2,210	2,350
	32	Overall Width		in [mm]	1,130	1,130	1,220	1,220	1,200	1,200
	33	Overhead Guard Height		in [mm]	2,050	2,050	2,050	2,050	2,050	2,050
	34	Turning Radius	minimum outside	in [mm]	1,860	1,860	1,860	1,860	2,050	2,150
	35	Fork Overhang	with std 2 - stage mast	in [mm]	400	400	400	400	440	440
	36	Right Angle Stack	add load length and clearance	in [mm]	3,242	3,242	3,242	3,242	3,650	3,790
	37	Ground Clearance	minimum loaded	in [mm]	115	115	115	115	115	115
	38		center of wheelbase	in [mm]	115	115	115	115	115	115
	39	Battery Compartment	length (front - to - back)	in [mm]	494	494	494	494	655	655
	40		width (side - to - side)	in [mm]	912	912	912	912	888	888
	41		height	in [mm]	675	675	675	675	680	680
	42	Travel Speed	loaded	mph [kph]	15	13	13	15	13	15
Performance	43		unloaded	mph [kph]	15	13	13	15	15	15
	44	Lift Speed	loaded	fpm [ms]	0.31	0.35	0.30	0.34	0.30	0.30
	45		unloaded	fpm [ms]	0.35	0.42	0.35	0.42	0.35	0.35
	46	Lower Speed	loaded	fpm [ms]	0.6	0.60	0.60	0.60	0.60	0.60
	47		unloaded	fpm [ms]	0.3	0.30	0.30	0.30	0.30	0.30
	48	Max. Drawbar Pull	5 min. rating	lbs [kg]	810	1,296	791	1,265	1,255	1,224
	49		60 min. rating	lbs [kg]	137	219	128	204	194	184
	50	Max. Gradeability	5 min. rating	%	15	15	15	15	12	12
	51		60 min. rating	%	4	8.5	3	7.5	4.5	5.5
	52	Brakes	service		Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd
Systems	53		parking		Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech
	54	Controllors	drive (make, type)		Curtis, DC	SME, AC	Curtis, DC	SME, AC	Curtis, DC	SME, AC
	55		hydraulic (make, type)		Curtis, DC	SME, AC	Curtis, DC	SME, AC	Curtis, DC	SME, AC
	56	Motors	drive output (60 min. rating)x2	HP [kW]	5	8	5	8	8	8
	57		hydraulic output (15 min. rating)	HP [kW]	7.5	15	7.5	15	8.6	15
	58	Battery	type		Lead Acid	Lead Acid	Lead Acid	Lead Acid	Lead Acid	Lead Acid
	59		voltage		48	48	48	48	48	48
	60		max. capacity (6 hour rating)	Ah [kWh]	480	480	540	540	640	640
	61		weight, minimum	lbs [kg]	760	760	760	760	900	900
	62		weight, maximum	lbs [kg]	920	920	920	920	1,200	1,200
	63	Hydraulic Pressure	system	psi [bar]	145	145	173	173	181	181
	64		attachment	psi [bar]	145	145	173	173	181	181
	65	Sound Level	at drivers ear	dB (A)	71	71	71	71	71	71



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
- 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