

## INTRODUCTION

The CLG2R015/20-M/N Reach truck are ideal choice for high rack application with heavy loads of capacity 1500/2500kg and max.lift height up to 8000mm.with its integrated reach forward mast and small turning radius,the bootm shelf of the rack is no longer obstacle.

It is perfect solution for large warehouse with narrow aisle racks for efficeinet storage and handling of goods.

## ADVANTAGES

### ■ Regenerative braking

It brake when driving the motor automatically power off to maximize reduce power consumption and extend battery working time.The use of regenerative braking technology minimize the wear of braking efficiently,to ensure the brake safety and efficiency of energy recovery.

### ■ Advanced configuration

The truck is equipped with AC system and electric power steering,with leading brands from the industry such as German Schabmueller drive and steer motor,ZF gear box,German mast profile,Ameircan KDS lift motor,American Curtis controller,and DIN standard big capacity battery of 480Ah.

### ■ Hydraulic system

International advanced connectors,hoses and abrasion resistance,high temperature resistance,high flexible import seals reasonable layout of hard and soft tube to ensure that the whole hydraulic system cooling,sealing,durability,safety and efficiency.



**CLG2R015-M/N**

<b>Model</b>	CLG2R015/20-M/N
<b>Drive</b>	Battery
<b>Operator type</b>	stand-on
<b>Load capacity</b>	1500/2000kg

# CLG2R015/20-M/N STAND-ON REACH TRUCK

# SPECIFICATIONS

Distinguishing mark			
Manufacturer's type designation		CLG2R015-M/N	CLG2R020-M/N
Drive(battery,diesel,petrol,gas>manual)		Battery	Battery
Operator type		Stand on	Stand on
Load capacity/Rated load	Q (t)	1.5	2.0
Load center distance	c (mm)	500	500
Load distance,centre of drive axle to fork	x (mm)	308	208
Wheelbase	y (mm)	1482	1500
Weight			
Service weight	kg	3630	3550
Tires,chassis			
Tires		Polyurethane	Polyurethane
Tire size,front	xw (mm)	343x140	343x140
Tire size,rear	xw (mm)	267x106	330x100
Wheels,number front/rear(x=driven wheels)		2/1x+2	2/1x
Tread,rear	b11(mm)	1010/660	1155
Dimensions			
Mast/fork carriage tilt forward/backward	$\alpha/\beta$ (°)	2/4	2/4
Lowered mast height	h1(mm)	3340	2335
Free lift	h2(mm)	2655	1420
Lift height	h3(mm)	8000	5000
Extended mast height	h4(mm)	8865	5915
Overhead load guardheight	h6(mm)	2330	2660
Overall length	l1(mm)	2246	2380
Length to face of forks	l2(mm)	1326	1310
Overall width	b1(mm)	1130	1260
Fork dimensions	s/e/l(mm)	35/100/920	40/120/1070
Fork carriage width	b5(mm)	200/760	240/750
Reath distance	l4(mm)	560	645
Ground clearance,laden under mast	m2(mm)	80	75
Aisle width for pallets 800x1200 lengthwise	Ast(mm)	2695	2800
Turning radius	Wa(mm)	1750	1750
Length across wheel ams	l2(mm)	1855	1920
Performance data			
Travel speed,laden/unladen	km/h	9.5/9.5	10.5/10.5
Lift speed,laden/unladen	m/s	0.28/0.32	0.27/0.38
lowering speed,laden/unladen	m/s	0.35/0.31	0.45/0.40
Reath speedm,laden/unladen	m/s	0.09/0.12	0.10/0.10
Max.gradient performance,laden/unladen	%	10/15	10/15
Service brake		Electronmagnetic	Electronmagnetic
Electric-engine			
Drive motor rating S2 60min	KW	5.5	6.4
Lift motor rating at S3 10%	KW	8.6	12.5
Battery acc. to DIN 43531/35/36A,B,C,norm		A,4PzS	A,4PzS
Battery voltage,nominal capacity K5	V / Ah	48/360	48/420/480
Battery Weight(+/-5%)	kg	600	939

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

## Additional data

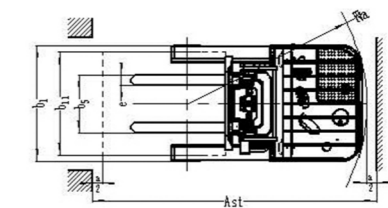
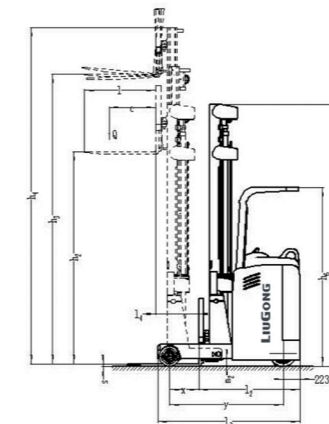
Type of drive control		AC-Speed Control	AC-Speed Control
Operating pressure for attachments	bar	110	150
Oil volume for attachments	l/min	40	35
Sound level at driver's ear acc. to EN 12053	dB(A)	<70	<70

## Mast table CLG2R015-M/N

Type of drive control	Lowered mast height h1(mm)	Free lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)
Two-stage mast	1830	135	2500	3365
	1930	135	2700	3565
	2080	135	3000	3865
	2230	135	3300	4165
	2380	135	3600	4465
	2580	135	4000	4865
	2830	135	4500	5365
Three-stage mast FFL(Full-Free-Lift)	2172	1490	4500	5365
	2340	1655	5000	5865
	2440	1755	5300	6165
	2507	1820	5500	6365
	2607	1920	5800	6665
	2672	1990	6000	6865
	2840	2155	6500	7365
	3007	2320	7000	7865
	3172	2490	7500	8365
	3340	2655	8000	8865

## Mast table CLG2R020-M/N

Type of drive control	Lowered mast height h1(mm)	Free lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)
Two-stage mast	1830	140	2500	3514
	1930	140	2700	3615
	2080	140	3000	3915
	2230	140	3300	4215
	2380	140	2600	4515
	2580	140	4000	4915
	2830	140	4500	5415
Three-stage mast FFL(Full-Free-Lift)	2167	1254	4500	5415
	2335	1420	5000	5915
	2435	1520	5300	6215
	2502	1585	5500	6415
	2602	1685	5800	6715
	2667	1755	6000	6915
	2835	1920	6500	7415
	2992	2095	7000	7915
	3167	2255	7500	8415
	3335	2420	8000	8915



LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

## COMFORTABLE AND BEAUTIFUL DESIGN

Modern design of control pedal, and the damping pedal with ergonomic design ensures comfortable driving.

## EMERGENCY BUTTON

Safe and convenient configuration of the emergency button, emergency one-time cut off all energy, which greatly increase safety.



## MAST SYSTEM

The mast has the reach forward function which allows the truck to store the goods without moving of the truck itself which is convenient and safe; High quality imported H-shape mast ensures that the vehicle load capacity.

## SAFETY

The mast piping system with safe speed limit valve, effectively control the rate of lowering of goods. High standards of craftsmanship, materials and quality ensures better performance in harsh conditions.

## BUFFER SYSTEM FOR FORK LOWERING AND MAST FORWARD/BACKWARD

Buffer system for fork lowering and mast forward backward increase vehicle safety and operating comfort.

## ELECTRONIC CONTROL FUNCTIONS

The electrical energy, timing, fault displays easy for operator to understand the vehicle condition and to have maintenance. The surface of electrical components is water and dust proof, the design of fully enclosed thermal of the central control unit to make the circuit more simple and reliable.



**LiuGong Machinery Europe B.V**  
**P.J.Oudweg 4**  
1314 CH Almere  
The Netherlands  
T : +31 611151832 E : [overseas@liugong.com](mailto:overseas@liugong.com)  
[www.liugong-europe.com](http://www.liugong-europe.com)

### LG-PB-CLG2R015/20-M/N-032021-ENG

The LiuGong series of logos herein, including but not limited to word marks, device marks, letter of alphabet marks and combination marks, as the registered trademarks of Guangxi LiuGong Group Co., Ltd. are used by Guangxi LiuGong Machinery Co., Ltd. with legal permission, and shall not be used without permission. Specifications and designs are subject to change without notice. Illustrations and pictures may include optional equipment and may not include all standard equipment. Equipment and options varies by regional availability.