



Power Type
Base Capacity

Diesel
3000/3500 kg

F7030M/35M
TWO-WHEEL DRIVE ROUGH
TERRAIN FORKLIFT

F7030M/7035M TWO-WHEEL DRIVE ROUGH TERRAIN FORKLIFT

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TWO-WHEEL DRIVE ROUGH TERRAIN FORKLIFT

The Liugong 3.0-3.5t rough terrain forklift is a tough, compact forklift with a two-wheel drive system. It has the characteristics of excellent maneuverability, high stability, high efficiency and good reliability. It is especially suitable for rugged terrain.



EXCELLENT MANEUVERABILITY

- ▶ The high ground clearance and large departure Angle design provide greater maneuverability and keeps truck moving in the roughest of applications.
- ▶ The differential with automatic locking function, providing ultimate traction during inclement weather conditions and rough operating surfaces.
- ▶ Oscillating steer axle allows either wheel to step over obstacles keeping the truck and load level.
- ▶ Equipped with full hydraulic steering system to make the steering flexible and light.



- ▶ Drive axle is equipped with wide-base and deep tread tires.

Rear tyre:27x10-12-12PR

Front tyre:14-17.5-14PR



F7030M/7035M TWO-WHEEL DRIVE ROUGH TERRAIN FORKLIFT



Increase the width of fender to reduce mud splashing.

HIGH STABILITY

Wheel base increased by 25% and wheelbase increased by 10%, providing better stability in rough terrain.



Large and shock-absorbing seat.



Superior full floating operator cabin.



LED light

High exhaust

Air inlet filter beforehand

HIGH EFFICIENCY & GOOD RELIABILITY



01

The integrated electric box makes maintenance and repair convenient with better water-proof performance.



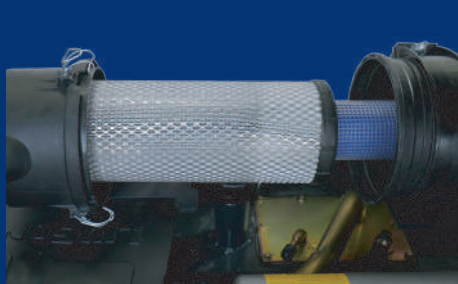
02

Heavy duty steering axle with tapered bearings.



03

The combined radiator with serpentine wave and optimized heat dissipation channel enhance the heat dissipation capability to keep engine reliability even in heavy-duty applications.



04

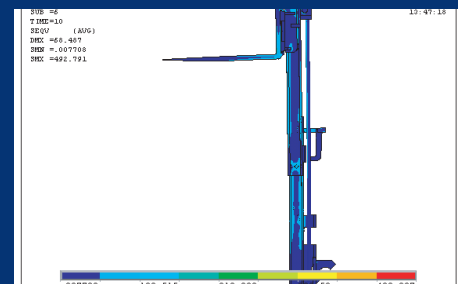
Dual air filter to adapt to dust conditions, prolong the service life of the engine.



05

Through CAE simulation analysis, the frame and door frame adapt to the impact of heavy load and rugged terrain.

The mast tilt angle F/R reaches to 10°/12°.



SPECIFICATION

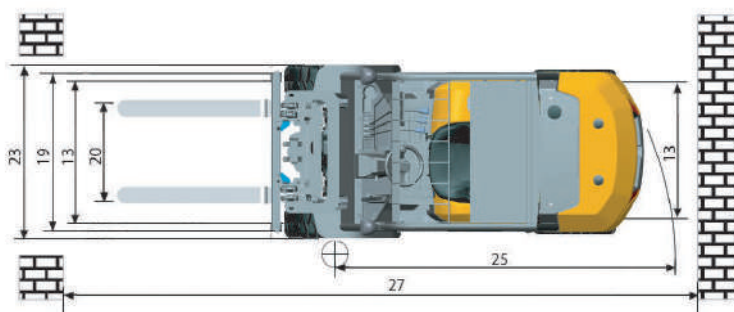
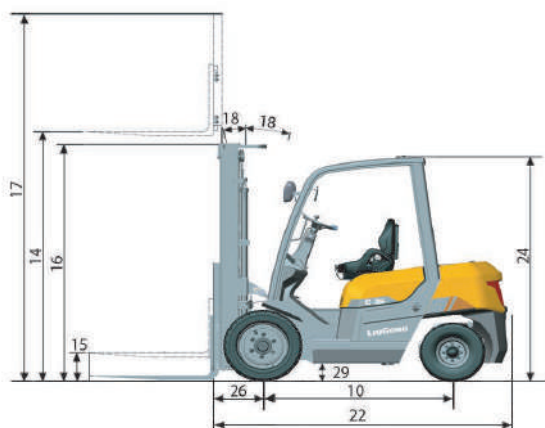
General					
Model	1			F7030M	F7035M
Power Type	2			Diesel	Diesel
Base Capacity	3	@rated load center	kg	3000	3500
Load Center	4		mm	500	500
Weights					
Service Weight	5	unloaded	kg	5150	5400
Axle Load	6	loaded / unloaded, front	kg	7080/2300	7800/2260
	7	loaded / unloaded, rear	kg	1070/2850	1100/3140
Tires					
Tire Type	8			Pneumatic	Pneumatic
Wheels	9	front / rear		2 / 2	2 / 2
Wheelbase	10		mm	1880	1880
Tire Size	11	front		14-17.5-14PR	14-17.5-14PR
	12	rear		27x10-12-12PR	27x10-12-12PR
Tread Width	13	front / rear	mm	1250/1200	1250/1200
Mast					
Max. Fork Height	14	with std 2-stage mast	mm	3000	3000
Free lift	15	with std 2-stage mast	mm	150	150
Height, Upright Lowered	16	with std 2-stage mast	mm	2365	2365
Height, Upright Extended	17	with std 2-stage mast	mm	4173	4173
Mast Tilt, Fwd/Back	18	with std 2-stage mast	deg	10° / 12°	10° / 12°
Carriage	19	width	mm	1150	1150
Fork Spread	20	minimum / maximum	mm	290/1150	290/1150
Fork Dimensions	21	T x W x L	mm	50 x 150 x 1070	50 x 150 x 1070
Chassis					
Length to Fork Face	22	with std 2-stage mast	mm	3136	3136
Overall Width	23		mm	1600	1600
Overhead Guard Height	24		mm	2415	2415
Turning Radius	25	minimum outside	mm	2900	2900
Fork Overhang	26	with std 2-stage mast	mm	600	600
Right Angle Stack	27	add load length and clearance	mm	4900	4900
Ground Clearance	28	minimum loaded	mm	265	265
	29	center of wheelbase	mm	280	280
Performance					
Travel Speed	30	loaded / unloaded	km/h	20/22	20/22
Lift Speed	31	loaded / unloaded	m/s	0.53/0.55	0.41/0.43
Lower Speed	32	loaded / unloaded	m/s	0.48/0.45	0.48/0.45
Max. Drawbar Pull	33	loaded	kN	18	18
Max. Gradeability	34	loaded / unloaded	%	18 / 28	15 / 28
Systems					
Brakes	35	service		Foot / Hyd	Foot / Hyd
	36	parking		Hand / Mech	Hand / Mech
Engine	37	manufacturer		Mitsubishi	XINCHAI
	38	mode		S4S	A498BT1
	39	emission compliance		EU Stage IIIA	EU Stage IIIA
	40	cylinders		4	4
	41	displacement	liter	3.331	3.2
	42	rated power	kw/rpm	35.3/2250	36.8/2500
	43	Max. torque	N.m/rpm	177/1700	186/1800



CAPACITY

Mast type	Maximum Fork Height (MFH)	Mast Overall Lowered Height (OAL)	Free Lift with Load Backrest	Mast Tilt Angle (F/B)	Rated Load Capacity				Total Weight with Standard Forks	
					With Standard Forks		With Sideshifter			
					F7030M	F7035M	F7030M	F7035M	F7030M	F7035M
	mm	mm	mm	°	kg @ (500mm) LC		kg @ (500mm) LC		kg	
Standard 2-Stage	3000	2365	0	10/12	3000	3500	2875	3500	5150	5400
	4000	2915	0	10/12	3000	3500	3000	3500	5278	5528

Mast type	Maximum Fork Height (MFH)	Mast Overall Lowered Height (OAL)	Free Lift with Load Backrest	Mast Tilt Angle (F/B)	Rated Load Capacity				Total Weight with Standard Forks	
					With Standard Forks		With Sideshifter			
					F7030M	F7035M	F7030M	F7035M	F7030M	F7035M
	mm	mm	mm	°	kg @ (500mm) LC		kg @ (500mm) LC		kg	
Full Free 3-Stage	4500	2460	1317	10/12		3500		3500		5670





Liuzhou LiuGong Forklift Co., Ltd.

No. 1 Yanghe Road, Liuzhou, Guangxi 545007, PR China

T: +86 772 388 6124

E: overseas@liugong.com

MH: www.lgforklift.cn

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