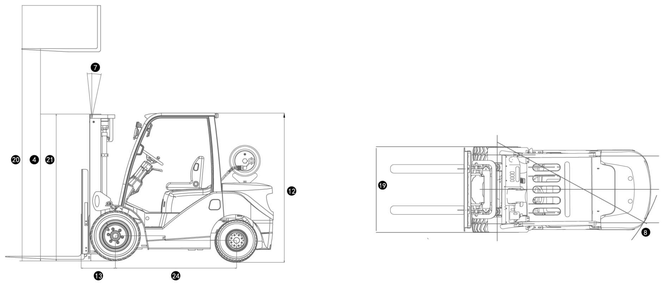
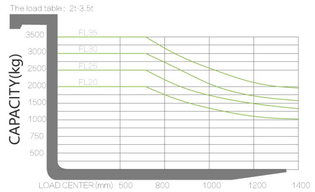
MACHINE 3D GRAPH



CAPACITY CHART



SPECIFICATION OF OPTIONAL ENGINE

Manufacturer	Drive Type	Model	Displacement(L)	Rated Power/Speed(kW/r.p.m)
NISSAN	LPG/Gasoline	K21	2.065	31.2/2250
NISSAN	LPG/Gasoline	K25	2.540	37/2650
Guangqing(China)	LPG/Gasoline	GQ491	2.237	36/2400

FL20/25/30/35(H Series)

LPG FORKLIFT

HULKMAN

JINAN HULK MACHINERY CO., LTD is established in 2010, covering an area of nearly 300 acres with the total investment of 600 million yuan. After second phase project it will have an annual output 30,000 units of production capacity for industrial vehicles. The modern factory and process layout, advanced production equipment beckon HULKMAN "sincere and modest, profound and long-standing" brand connotation.

Relying on advanced technology and process equipment in professional manufacturing field, our product creativity is improved effectively and the product resource combination is formed, which can meet demands of the mainstream markets at home and abroad. It has now formed the internal combustion type, battery type, storage type, 209 kinds of forklift products resources. Currently, HULKMAN forklift products have been widely used in papermaking, automobile, tobacco, logistics, stone material and other industries.

Sticking to the idea of "providing high quality service by adopting exquisite technique", our company attaches much importance to customers various demands in different stages, such as purchase, usage, maintenance, update, etc. In addition, we bring our customers pleasure, touched and added economic interests by providing intimate service.
Through Call Center, Internet, Remote Assistance, On-the-spot Operation and other modern innovative service modes, our company formed and consolidated the dominant position of HULKMAN forklift in the field of after sales service.

TECHNICAL FEATURES

Economy & Green

- Fuel efficient, Low emission and High power, Zoomlion LPG forklift cut your use-cost efficiently and is friendly to the operator and the environment.
- Reliable IMPCO LPG Forklift System help reduce maintenance costs. Converting your forklift to LPG offers all the power and performance of petrol without the high fuel cost.

Safe & Easy–maintenance

- Newly designed stamping overhead guard protect the operator from the falling cargoes. Lifting cylinders with speed limit valve prevent falling accident caused by unexpected hydraulic pressure relief from happening
- With superior quality and exceptional value, Zoomlion LPG forklift think what you want.Adopting TCM technology, durable and reliable automatic transmission prolong forklift lifetime. Engine hood with large opening angle makes maintenance easier for serviceman.

LPG FORKLIFT FL20/25/30/35(H)

Characteristics		FL20	FL25	FL30	FL35
Power	-	Diesel	Diesel	Diesel	Diesel
Rated Capacity	kg	2000	2500	3000	3500
Center of load	mm	500	500	500	500
Lifting height	mm	3000	3000	3000	3000
Free lifting height	mm	135	135	145	160
Forks L × W × H	mm	1070x122x40	1070x122x40	1070x125x45	1070x125x50
Tilt Forward/Backward	°	6/12	6/12	6/12	6/12
Min.turning radius	mm	2240	2240	2410	2445
Min.ground clearance(Mast)	mm	110	110	110	120
Overhead guard height	mm	2090	2090	2130	2090
Height from seat to overhead guard	mm	1005	1005	1000	1005
Front overhang	mm	473	473	483	488
Perf					
Max.traveling speed(loaded)	km/h	19	19	20	20
Max.lifting speed(loaded/empty)	mm/s	490/510	490/510	470/520	470/520
Drawbar pull/Gradeability	kN/%	17/20	17/20	18/20	18/20
Dimensions					
Overall length (with fork)	mm	2570	2570	2705	2746
Overall width	mm	1160	1160	1230	1230
Mast lowered height	mm	1990	1990	2055	2095
Mast extended height	mm	4000	4000	4256	4256
Chassis					
Tire Front		7.00-12-12PR	7.00-12-12PR	28x9-15-12PR	28x9-15-12PR
Tire Rear		6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR
Wheelbase	mm	1600	1600	1700	1700
Tread width(Front/Rear)	mm	970/970	970/970	1000/970	1000/970
Curb weight(None-load)	kg	3350	3800	4350	4850
Powertrain					
Battery(Voltage/Capacity)	V/Ah	12/90	12/90	12/90	12/90
Engine(Model)	-	NISSAN K21	NISSAN K21	NISSAN K25	NISSAN K25
Engine(Rated power)	kw/r.p.m	31.2/2250	31.2/2250	37.4/2300	37.4/2300
Engine(Rated torque)	Nm/r.p.m	143.7/1600	143.7/1600	176.5/1600	176.5/1600
Engine(Cylinder amount)	-	4	4	4	4
Engine(Bore × Stroke)	mm	89x83	89x83	89x100	89x100
Engine(Displacement)	L	2.065	2.065	2.488	2.488
Fuel tank	L	60	60	70	70
Transmission	-	1/1 Powershift	1/1 Powershift	1/1 Powershift	1/1 Powershift
Working pressure	MPa	17.5	17.5	17.5	17.5

The company reserves the right to modify the provision of parameters, such as a change without notice.

STANDARD CONFIGURATION				OPTIONS		ATTACHMENT
Tire	Standard fork	Charging indicator	Full hydraulic steering	☐ Fan	☐ Luxury seat	☐ Side shift
Light	Wideview mast	2 piece multi valve	Water temperature gauge	☐ Cab	☐ High exhaust	☐ Fork positioner
Timer	Electric Horn	Parking brake cable	Tilt adjustable steering wheel	☐ Heater	☐ Fire extinguishing muffler	☐ Tipping fork
Handle	Standard seat	Charging indicator	Tilt oil passage self-locking valve	☐ Muffler	☐ TWO/THREE Full-free mast	☐ String lever
Toolbox	Rearview mirror	Charging indicator	Lifting oil passage speed limit valve	☐ Solid tyre	☐ Colored tyre(white/green)	☐ Hook
Traction pin	Reversing light	Rear combine lights		☐ double filter	☐ Customer appointed color	☐ Extended fork
Light guard	Tornado air filter	Upper air intake device		☐ Windsereen	☐ Yanmar/Isuzu engine	☐ Crane boom
Light switch	Lifting tilt handle	Engine flameout device		☐ Warning light	☐	☐ Roll clamp
Rubber pad	Reversing buzzer	Overhead guard cover		☐ High exhaust	☐	☐ Soft clamps

DUPLEX STANDARD MAST

	Capacity				Mast height						
Lifting	2T	2.5T	3T	3.5T	2T-2.5T	2T-2.5T	3T	3T	3.5T	3.5T	Mast Tilt
Height	Single tire	Single tire	Single tire	Single tire	Forks landing	Height with Backrest	Forks landing	Height with Backrest	Forks landing	Height with Backrest	angle F/R
mm	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	°
2000	2000	2500	3000	3500	1490	3025	1555	3260	1595	3265	6/12
2500	2000	2500	3000	3500	1740	3525	1805	3760	1845	3765	6/12
3000	2000	2500	3000	3500	1990	4025	2055	4260	2095	4265	6/12
3300	2000	2500	3000	3500	2140	4325	2205	4560	2245	4565	6/12
3500	2000	2500	3000	3500	2240	4525	2305	4760	2345	4765	6/12
3700	2000	2500	3000	3500	2340	4725	2405	4960	2445	4965	6/12
4000	2000	2500	3000	3500	2540	5025	2605	5260	2645	5305	6/12
4500	1800/*1900	2200/*2400	2600/*3000	2850/*3500	2790	5525	2855	5760	2895	5765	6/6*6/12
5000	1300/*1700	1450/*2200	2100/*2850	2400/*3150	3040	6025	3105	6260	3145	6265	6/6*6/6
5500	*1500	*1700	*2400	*2700	3340	6525	3405	6760	3445	6765	*3/6
6000	*1300	*1400	*2000	*2300	3590	7025	3655	7260	3695	7265	*3/6

Remark:* means double tires

Duplex full free mast

	Capacity				Mast height						Free lifting height			
Lifting	2T	2.5T	3T	3.5T	2T-2.5T	2T-2.5T	3T	3T	3.5T	3.5T	2T-2.5T	3T	3.5T	Mast Tilt
Height	Single tire	Single tire	Single tire	Single tire	Forks landing	Height with Backrest	Forks landing	Height with Backrest	Forks landing	Height with Backrest	With Backrest	With Backrest	With Backrest	angle F/R
mm	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	°
2000	2000	2500	3000	3500	1495	3035	1565	3275	1595	3273	511	337	367	6/12
2500	2000	2500	3000	3500	1745	3535	1815	3775	1845	3773	761	587	617	6/12
3000	2000	2500	3000	3500	1995	4035	2065	4275	2095	4273	1011	837	867	6/12
3300	2000	2500	3000	3500	2145	4335	2215	4575	2245	4573	1161	987	1017	6/12
3500	2000	2500	3000	3500	2245	4535	2315	4775	2345	4773	1261	1087	1117	6/12
3700	2000	2500	3000	3500	2345	4735	2415	4975	2445	4973	1361	1187	1217	6/12
4000	2000	2500	3000	3500	2545	5035	2615	5275	2645	5273	1561	1387	1417	6/12

Remark:The max lifting height without Backrest: 1T-1.5Tmm-510mm,2T-2.5T -370mm,3T -570mm, 3.8T-507mm
The max free lifting height without Backrest: 1T-1.5T+510mm,2T-2.5T+370mm,3T+430mm, 3.8T+507mm
* means double tires

Triplex mast

	Capacity				Mast height						Free lifting height			
Lifting	2T	2.5T	3T	3.5T	2T	2.5T	3T	3T	3.5T	3.5T	2T-2.5T	3T	3.5T	Mast Tilt
Height	Single tire	Single tire	Single tire	Single tire	Forks landing	Height with Backrest	Forks landing	Height with Backrest	Forks landing	Height with Backrest	With Backrest	With Backrest	With Backrest	angle F/R
mm	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	°
3600	2000	2500	3000	3350	1765	4625	1830	4865	1830	4870	781	602	607	6/6
4000	2000	2500	3000	3350	1900	5025	1965	5270	1965	5275	916	737	742	6/6
4350	1870*2000	2370*2500	2870*3000	3270*3300	2015	5375	2080	5615	2080	5620	1031	852	857	6/6
4500	1750*2000	2070*2500	2570*3000	3050*3300	2065	5525	2130	5765	2130	5770	1081	902	907	6/6
4800	1650*1800	1750*2300	2250*2800	2700*3000	2165	5825	2230	6065	2230	6070	1181	1002	1007	6/6
5000	1450*1650	1500*2150	2000*2650	2450*2850	2230	6025	2295	6260	2295	6265	1246	1067	1072	6/6
5500	*1350	*1650	*2300	*2600	2395	6525	2460	6755	2460	6765	1411	1232	1237	*3/6
6000	*1100	*1300	*2100	*2350	2615	7025	2680	7265	2680	7270	1631	1452	1457	*3/6

Remark:The max lifting height without Backrest: 1T-1.5Tmm-510mm,2T-2.5T -370mm,3T -570mm, 3.8T-507mm
The max free lifting height without Backrest: 1T-1.5T+510mm,2T-2.5T+370mm,3T+430mm, 3.8T+507mm
* means double tires