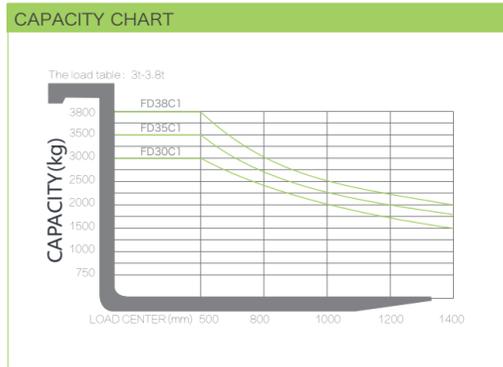
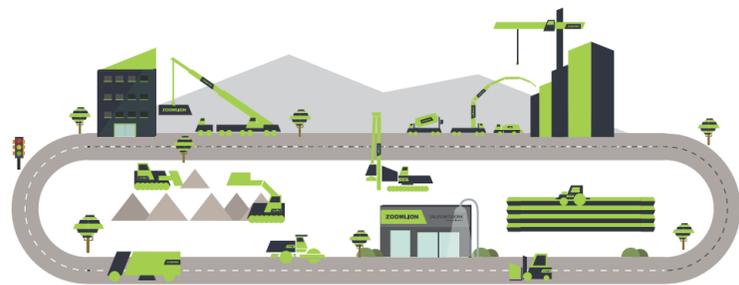
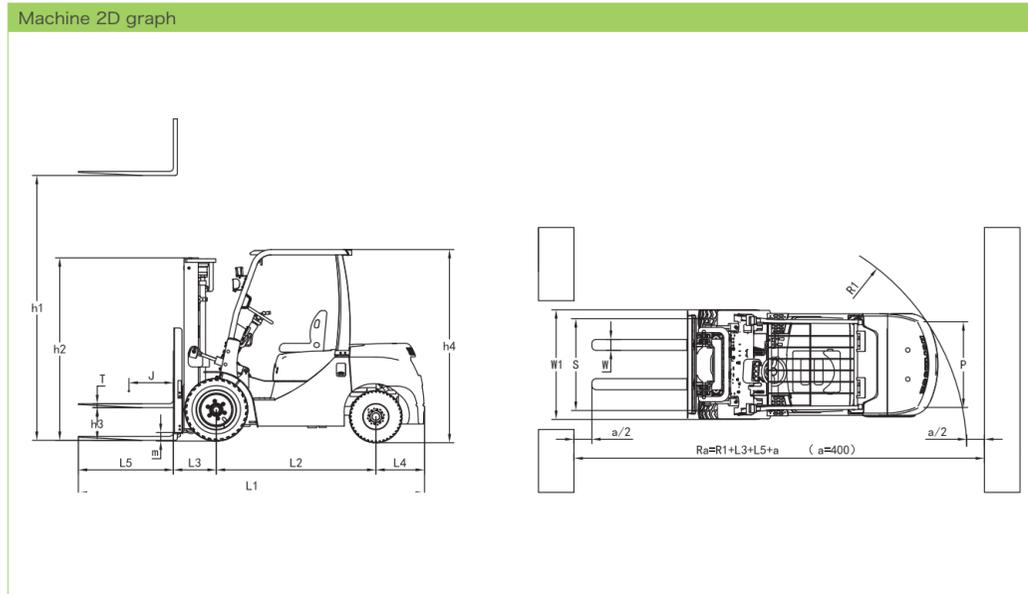


ZOOMLION



Specification of Optional Engine

Model	Rated Power/Speed	Rated torque	Displacement	Model
-	(kW/r.p.m)	(N · m/r.p.m)	(L)	(T)
Isuzu 4JG2	46/2450	184.7/1700	3.059	3-3.8
Isuzu C240	34.3/2500	137.7/1800	2.369	3
Xinchai C490	40/2650	160/1800-2000	2.67	3-3.5

ZOOMLION ANHUI INDUSTRIAL VEHICLE CO.,LTD
 ADD: Building 2, NO.11 Nanwei Road, High-tech Development Zone, Wuhu, Anhui, China
 TEL: 0553-3020328 WEB: www.zoomlionfi.com



Scan for details

FD30/35/38(Z Series) DIESEL FORKLIFT





Zoomlion Anhui Industrial Vehicle Co., Ltd. is one of the important sectors of Zoomlion Group, 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 of 30,000 units of production capacity for industrial vehicles. The modern factory and process layout, advanced production equipment beckon Zoomlion's sincere and modest, profound and long-standing brand connotation.

Relying on Zoomlion 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, Zoomlion 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 Zoomlion forklift in the field of after-sales service.

TECHNICAL FEATURES

King of Effectiveness

- The hydraulic system is efficient and energy-saving so as to reduce the fuel consumption of the vehicle.
- Higher cost performance, stronger operability, more economical and practical, lower maintenance cost
- After the optimization of the product's gravity center, the load capacity is increased. Engine full compliance with national and international emissions standards, strong power, low fuel consumption, low noise.
- Perfect combination of high quality engine and gearbox, has sharply increased the traction, climbing force and the lifting speed, improve the efficiency of the forklift truck.

King of Manipulation

- The mechanical clutch is lighter.
- The control stick arrangement is optimized with brand new control handle and wide operation space, making operation more comfortable.
- The sedan-type double-handle combination switch is configured to ease and facilitate the operation.
- Spacious getting on or off pedal and driving space, reduce the leg fatigue.
- The widened mast improves the field of sight significantly.
- The vertical buffer function is designed for the lifting system so as to effectively decrease the impact and shock of the mast.

King of Reliability

- The neutral protection function, preventing misoperation.
- The grid type roof is employed so that the operation field of sight is excellent and reliability is extraordinary.
- High-pressure pipe using steel pipe combined with high pressure rubber hose, decorate more reasonable, concealed and safe.
- The middle exhaust pipe is installed to effectively prevent dust due to low exhaust.
- The fender is thickened, the tilting cylinder is enhanced and the chains are widened, so that they are securer safer and more reliable.
- The high-configuration operation sensing system is installed so that if the driver leaves his seat during operation, the system will be shut down, making the operation safer.



DIESEL FORKLIFT FD30/35/38(Z)

FEATURES		FD30Z	FD35Z	FD38Z
Power	—	Diesel	Diesel	Diesel
Rated Capacity	kg	3000	3500	3800
Center of load	J(mm)	500	500	500
Lifting height	h1 (mm)	3000	3000	3000
Free lifting height	h3(mm)	145	145	145
Forks L×W×H	L5×W×T(mm)	1070x125x45	1070x125x45	1070x150x50
Tilt Forward/Backward	°	6/12	6/12	6/12
Min.turning radius	R1 (mm)	2600	2600	2650
Min.right angle stalking width	Ra(mm)	4550	4550	4621
Min ground clearance(Mast)	m(mm)	120	120	135
Overhead guard height	h4(mm)	2170	2170	2170
Front overhang	L3(mm)	480	480	501
Rear overhang	L4(mm)	545	545	595
PERFORMANCE				
Max.traveling speed(loaded)	km/h	20	20	20
Max.lifting speed (loaded/empty)	mm/s	430/450	430/450	430/450
Drawbar pull/Gradeability	kN/%	18/20	18/20	18/20
Size				
Overall length(without fork)	L1 (mm)	2830	2830	2901
Overall width	W1 (mm)	1230	1230	1230
Mast lowered height	h2(mm)	2065	2095	2170
Mast extended height	mm	4260	4265	4263
CHASSIS				
Tire Front	—	28X9-15-14PR	28X9-15-14PR	250-15-16PR
Tire Rear	—	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
Wheelbase	L2(mm)	1800	1800	1800
Tread width(Front/Rear)	S/P(mm)	1000/970	1000/970	1000/970
Curb weight(Non-load)	kg	4250	4450	4800
ENGINE				
Battery(Voltage/Capacity)	V/Ah	12/80	12/80	12/80
Engine(Model)	—	Isuzu 4JG2	Isuzu C240	XinChai C490
Engine(Rated power)	kW/r.p.m	46/2450	34.3/2500	40/2650
Engine(Rated torque)	N · m/r.p.m	184.7/1700	137.7/1800	160/1800-2000
Engine(Cylinder amount)	—	4	4	4
Engine(Bore × Stroke)	mm	95.4x107	86x102	90x100
Engine(Displacement)	L	3.059	2.369	2.67
Fuel tank	L	70	70	70
Transmission	—	2/2 Hydraulic Power shift	2/2 Hydraulic Power shift	2/2 Hydraulic Power shift
Working pressure	MPa	17.5	17.5	17.5

The company reserve the right for specification change; Should any revision on specification, a further notice shall prevail.

STANDARD CONFIGURATION	OPTIONS	ATTACHMENT
Wideview mast Standard fork Standard seat Backrest Reversing light Reversing buzzer Rearview mirror Light switch Overhead guard Electric Horn	2 piece multi valve Rear lamp Handle Toolbox Rubber pad Timer Neutral indicator Parking brake Speed limit valve Traction pin	Key switch Service brake Turning signal Headlamp Adjustable steering wheel Upper air intake device Engine flameout device Lifting & tilting handle Durable pneumatic tire Tornado air filter
Combined instrument panel Hydraulic powered steering Hydraulic oil return filter Hydraulic oil intake filter Hydraulic oil level gauge Oil pressure indicator Water temperature gauge Tilt oil passage self-locking valve	<input type="checkbox"/> Windshield <input type="checkbox"/> Luxury seat <input type="checkbox"/> High exhaust <input type="checkbox"/> Cab <input type="checkbox"/> Heater <input type="checkbox"/> Solid tyre <input type="checkbox"/> Double filter <input type="checkbox"/> Mini fan <input type="checkbox"/> File clip <input type="checkbox"/> Fire extinguisher	<input type="checkbox"/> Two/three stage full-free mast <input type="checkbox"/> Fire extinguishing muffler <input type="checkbox"/> Rotary work alarming light <input type="checkbox"/> Tilt cylinder dust cover <input type="checkbox"/> Engine preheater <input type="checkbox"/> Optional painting
	<input type="checkbox"/> Side shifter <input type="checkbox"/> Fork positioner <input type="checkbox"/> Hinged fork <input type="checkbox"/> Carpet boom <input type="checkbox"/> Extended fork <input type="checkbox"/> Fork cover <input type="checkbox"/> Lifting boom <input type="checkbox"/> Paper roll clamp <input type="checkbox"/> Bale clamp <input type="checkbox"/> Fire extinguisher	

DUPLEX STANDARD MAST										
Lifting Height	Capacity			Mast height						Mast Tilt
	3T	3.5T	3.8T	3T	3T	3.5T	3.5T	3.8T	3.8T	3.8T
	Single tire			Forks landing	Height with Backrest	Forks landing	Height with Backrest	Forks landing	Height with Backrest	angle F/R
mm	kg	kg	kg	mm	mm	mm	mm	mm	mm	*
2000	3000	3500	3800	1565	3260	1595	3265	1670	3263	6/12
2500	3000	3500	3800	1815	3760	1845	3765	1920	3763	6/12
3000	3000	3500	3800	2065	4260	2095	4265	2170	4263	6/12
3300	3000	3500	3800	2215	4560	2245	4565	2320	4563	6/12
3500	3000	3500	3800	2315	4760	2345	4765	2420	4763	6/12
3700	3000	3500	3800	2415	4960	2445	4965	2520	4963	6/12
4000	3000	3500	3800	2615	5260	2645	5265	2720	5263	6/12
4500	2600/*3000	2850/*3500	3150/*3800	2865	5760	2895	5765	2970	5763	6/6*6/12
5000	2100/*2850	2400/*3150	2700/*3450	3115	6260	3145	6265	3220	6263	6/6*6/6
5500	*2400	*2700	*3000	3415	6760	3445	6765	3520	6763	*3/6
6000	*2000	*2300	*2600	3665	7260	3695	7265	3770	7263	*3/6

Remark: * means double tires

DUPLEX FULL FREE MAST													
Lifting Height	Capacity			Mast height				Free lifting height			Mast Tilt		
	3T	3.5T	3.8T	3T	3T	3.5T	3.5T	3.8T	3.8T	3T	3.5T	3.8T	
	Single tire			Forks landing	Height with Backrest	Forks landing	Height with Backrest	Forks landing	Height with Backrest	With Backrest			angle F/R
mm	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	*
2000	3000	3500	3800	1565	3275	1595	3273	1670	3257	337	367	447	6/12
2500	3000	3500	3800	1815	3775	1845	3773	1920	3757	587	617	697	6/12
3000	3000	3500	3800	2065	4275	2095	4273	2170	4257	837	867	947	6/12
3300	3000	3500	3800	2215	4575	2245	4573	2320	4557	987	1017	1097	6/12
3500	3000	3500	3800	2315	4775	2345	4773	2420	4757	1087	1117	1197	6/12
3700	3000	3500	3800	2415	4975	2445	4973	2520	4957	1187	1217	1297	6/12
4000	3000	3500	3800	2615	5275	2645	5273	2720	5257	1387	1417	1497	6/12

Remark: Maximum increase of non-stop: 3T-3.5T - 580mm, 3.8T-507mm
Free lifting height of the shelf: 3T-3.5T + 580mm, 3.8T+507 (* means double tires)

TRIPLEX MAST													
Lifting Height	Capacity			Mast height				Free lifting height			Mast Tilt		
	3T	3.5T	3.8T	3T	3T	3.5T	3.5T	3.8T	3.8T	3T	3.5T	3.8T	
	Single tire			Forks landing	Height with Backrest	Forks landing	Height with Backrest	Forks landing	Height with Backrest	With Backrest			angle F/R
mm	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	*
3600	3000	3350	3650	1830	4865	1830	4870	1860	4851	602	607	587	6/6
4000	3000	3350	3650	1965	5270	1965	5275	1994	5251	737	742	721	6/6
4350	2870*3000	3270*3300	3370/*3600	2080	5615	2080	5620	2110	5601	852	857	837	6/6
4500	2570*3000	3050*3300	3350/*3600	2130	5765	2130	5770	2160	5751	902	907	887	6/6
4800	2250*2800	2700*3000	3000/*3300	2230	6065	2230	6070	2260	6051	1002	1007	987	6/6
5000	2000*2650	2450*2850	2750/*3250	2295	6260	2295	6265	2327	6251	1067	1072	1054	6/6
5500	*2300	*2600	*2900	2460	6755	2460	6765	2493	6751	1232	1237	1220	*3/6
6000	*2100	*2350	*2600	2680	7265	2680	7270	2710	7251	1452	1457	1437	*3/6

Remark: The maximum increase of the shelf life is not high: 3T-3.5T - 580mm, 3.8T-507mm
Free lifting height of the shelf: 3T-3.5T + 580mm, 3.8T+507mm (* means double tires)