

FD30/35/38Z

DIESEL FORKLIFT



ZOOMLION

Standard Equipment

- 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
- Durable pneumatic tire
- Timer
- Parking brake
- Lifting & tilting handle
- Speed limit valve
- Traction pin
- Headlamp
- Adjustable steering wheel
- Tilt oil passage self-locking valve
- Hydraulic powered steering
- Handle
- Water temperature gauge
- Metal pedal pad
- Combined instrument pannel
- Hydraulic oil return filter
- Hydraulic oil intake filter
- Hydraulic oil level gauge
- Oil pressure indicator
- Key switch
- Service brake
- Turning signal
- Toolbox
- Lamp holder
- Neutral indicator
- Tornado air filte

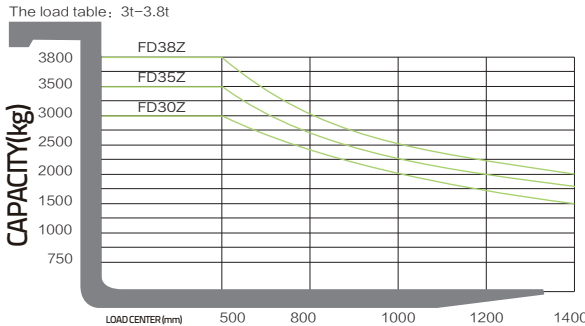
Options

- Windshield
- Two/three stage full-free mast
- LED Engine flameout device
- Cab
- Heater
- Fire extinguishing muffler
- Solid tyre
- Rotary work alarming light
- Mini fan
- File clip
- Fire extinguisher
- Tilt cylinder dust cover
- Optional painting
- Luxury seat
- High exhaust
- Exhaust smoke purification muffler
- Engine preheater

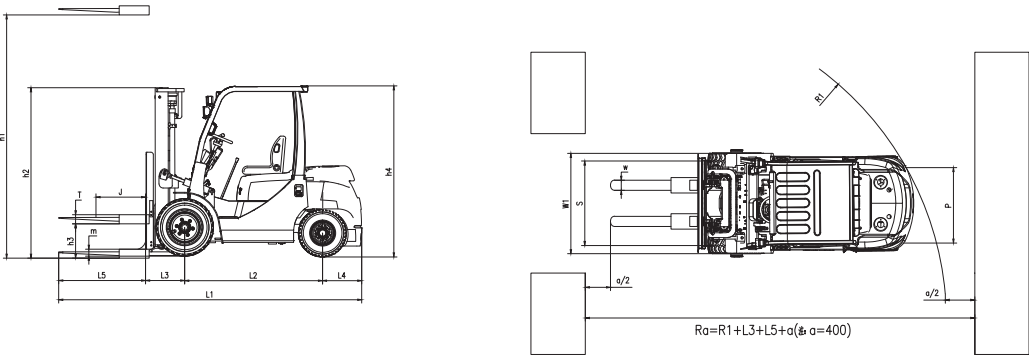
Attachment

- Side shifter
- Fork positioner
- Hinged fork
- Carpet boom
- Extended fork
- Lifting boom
- Paper roll clamp
- Bale clamp
- rotator
- barrel clamp

Capacity Chart



Machine 2D Graph



ZOOMLION

Machine Parameters

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	150	150
Forks L×W×H	L5×W×T(mm)	1070×125×45	1070×125×50	1070×125×50
Tilt Forward/Backward	-	6/12	6/12	6/12
Min.turning radius	R1 (mm)	2600	2600	2600
Min right angle stalking width	Ra(mm)	4550	4565	4621
Min.ground clearance(Mast)	m(mm)	120	120	120
Overhead guard height	h4(mm)	2170	2170	2170
Front overhang	L3(mm)	480	495	495
Rear overhang	L4(mm)	545	545	545
Performance				
Max.traveling speed(loaded)	km/h	20	20	20
Max.lifting speed(loaded/empty)	mm/s	470/520	470/520	470/520
Drawbar pull/Gradeability	kN/%	18/20	18/20	18/20
Size				
Overall length with fork	L1 (mm)	3895	3910	3910
Overall width	W1 (mm)	1230	1230	1230
Mast lowered height	h2(mm)	2065	2155	2155
Mast extended height	mm	4260	4265	4265
Chassis				
Tire(Front)	—	28×9-15-12PR	28×9-15-12PR	28×9-15-12PR
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	12/90	12/90	12/90
Engine type	—	ISUZU C240	ISUZU C240	ISUZU C240
Rated power	kW/r.p.m	34.3/2500	34.3/2500	34.3/2500
Rated torque	Nm/r.p.m	137.7/1800	137.7/1800	137.7/1800
Displacement	L	2.37	2.37	2.37

2-Stage Standard Mast

Lifting height	Coading capacity			Mast lowered height						Masttilt Angle f/r
	3T	3.5T	3.8T	3T	3T	3.5T	3.5T	3.8T	3.8T	
	Single tire	Single tire	Single tire	Forks landing	Height with Backrest	Forks landing	Height with Backrest	Forks landing	Height with Backrest	°
mm	kg	kg	kg	mm	mm	mm	mm	mm	mm	
2000	3000	3500	3500	1565	3260	1655	3265	1655	3265	6/12
2500	3000	3500	3500	1815	3760	1905	3765	1905	3765	6/12
3000	3000	3500	3500	2065	4260	2155	4265	2155	4265	6/12
3300	3000	3500	3500	2215	4560	2305	4565	2305	4565	6/12
3500	3000	3500	3500	2315	4760	2405	4765	2405	4765	6/12
3700	3000	3500	3500	2415	4960	2505	4965	2505	4965	6/12
4000	3000	3500	3500	2615	5260	2705	5265	2705	5265	6/12
4500	2600/*3000	2850/*3500	2850/*3500	2865	5760	3955	5765	3955	5765	6/6 *6/12
5000	2100/*2850	2200/*3150	2200/*3150	3115	6260	3205	6265	3205	6265	6/6 *6/6
5500	1550/*2400	1850/*2700	1850/*2700	3415	6760	3505	6765	3505	6765	*3/6
6000	1100/*2000	1400/*2300	1400/*2300	3665	7260	3755	7265	3755	7265	*3/6

Remark:* means double tires

2-Stage Full Free Mast

Lifting height	Coading capacity			Mast lowered height						Masttilt Angle f/r
	3T	3.5T	3.8T	3T	3T	3.5T	3.5T	3.8T	3.8T	
	Single tire	Single tire	Single tire	Forks landing	Height with Backrest	Forks landing	Height with Backrest	Forks landing	Height with Backrest	°
mm	kg	kg	kg	mm	mm	mm	mm	mm	mm	
2000	3000	3500	3800	1565	3275	1595	3273	1670	3257	6/12
2500	3000	3500	3800	1815	3775	1845	3773	1920	3757	6/12
3000	3000	3500	3800	2065	4275	2095	4273	2170	4257	6/12
3300	3000	3500	3800	2215	4575	2245	4573	2320	4557	6/12
3500	3000	3500	3800	2315	4775	2345	4773	2420	4757	6/12
3700	3000	3500	3800	2415	4975	2445	4973	2520	4957	6/12
4000	3000	3200	3800	2615	5275	2645	5273	2720	5257	6/12

Remark:Not to take the largest rise in the shelf:3T-3.5T - 507mm
Free lifting height of the shelf:3T-3.5T + 507mm

3-Stage Full Free Mast

Lifting height	Coading capacity			Mast lowered height						Masttilt Angle f/r
	3T	3.5T	3.8T	3T	3T	3.5T	3.5T	3.8T	3.8T	
	Single tire	Single tire	Single tire	Forks landing	Height with Backrest	Forks landing	Height with Backrest	Forks landing	Height with Backrest	°
mm	kg	kg	kg	mm	mm	mm	mm	mm	mm	
3600	3000	3300	3650	1830	4865	1830	4870	1860	4851	6/6
4000	3000	3200	3650	1965	5270	1965	5275	1994	5251	6/6
4350	2600/*2900	3000	3370/*3600	2080	5615	2080	5620	2110	5601	6/6
4500	2450/*2800	2850/*3200	3350/*3600	2130	5765	2130	5770	2160	5751	6/6
4800	2250/*2550	2500/*2900	3000/*3300	2230	6065	2230	6070	2260	6051	6/6
5000	2000/*2400	2400/*2850	2750/*3250	2295	6260	2295	6265	2327	6251	6/6
5500	1550/*2300	1850/*2500	*2900	2460	6755	2460	6765	2493	6751	*3/6
6000	1100/*2100	1400/*2200	*2600	2680	7265	2680	7270	2710	7251	*3/6

Remark:Not to take the largest rise in the shelf:3T-3.5T - 588mm
Free lifting height of the shelf:3T-3.5T + 588mm
* means double tires