

ZOOMLION

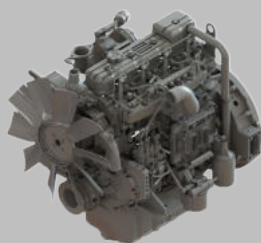
FD50-70Z

INTERNAL COMBUSTION FORKLIFT



 The color combination has obtained the protection of registered trademark

PRODUCT CHARACTERISTICS



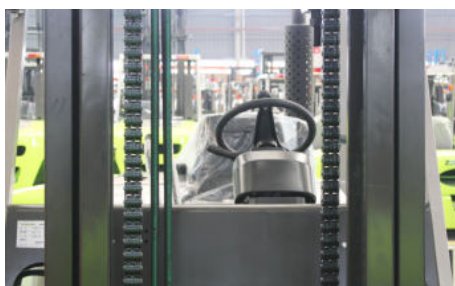
Engine is with large torque and capacity, which is powerful and can meet different operation demands.



Integrated overhead guard is adopted. The canopy is one time stamping part with 5 pieces transparent plastic cover, which receives sufficient light and keeps rain out.



Hydraulic system is equipped with the throttling valve, which makes operation safe and reliable.



Reinforce mast with wide view design improves efficiency and safety meanwhile enhances anti-forde capacity.



Scientific ergonomic design makes more portable and comfortable. Seat and backrest are adjustable.



Steering wheel tilt angle is also adjustable, which leaves more legroom. The portable gearshift is quick to shift and easy to operate.

The company reserves the right to modify the parameters provided. In case of material commercial modification information, the following notice shall prevail.

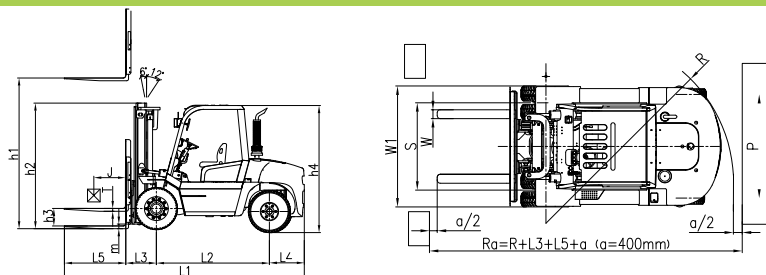
Machine Parameters

FEATURES		FD50Z	FD70Z
Power	—	Diesel	Diesel
Rated Capacity	kg	5000	7000
Center of load	J(mm)	600	600
Lifting height	h1 (mm)	3000	3000
Free lifting height	h3(mm)	203	218
Forks L×W×H	L5xWxT(mm)	1220×150×55	1220×150×70
Tilt Forward/Backward	°	6/12	6/12
Min.turning radius	R(mm)	3415	3507
Min.ground clearance(Mast)	Ra(mm)	5645	5752
ground clearance(Mast)	m(mm)	200	200
Overhead guard height	h4(mm)	2460	2460
Front overhang	L3(mm)	610	625
Rear overhang	L4(mm)	566	692
PERFORMANCE			
Max.traveling speed(loaded)	km/h	26	26
Max.lifting speed (loaded/empty)	mm/s	370/450	350/450
Drawbar pull	kN	51.4	51.4
Gradeability	%	28	28
SIZE			
Overall length (within fork)	L1 (mm)	4736	4877
Overall width	W1 (mm)	2000	2000
Mast extended height	h2(mm)	4417	4417
Mast lowered height	mm	2500	2500
CHASSIS			
Tire Front	—	8.25-15-14PR	8.25-15-14PR
Tire Rear	—	8.25-15-14PR	8.25-15-14PR
Wheelbase	L2(mm)	2340	2340
Tread width(Front/Rear)	S/P(mm)	1470/1700	1470/1700
Curb weight(Non-load)	kg	7980	9340
ENGINE			
Battery(Voltage/Capacity)	V/Ah	(12/90)x2	(12/90)x2
Engine(Model)	—	Mitsubishi S6S-T (Euro III)	Mitsubishi S6S-T (Euro III)
Engine(Rated power)	kw/r.p.m	68/2600	68/2600
Engine(Rated torque)	N.m/r.p.m	296/1700	296/1700
Engine(Cylinder amount)	mm	6	6
Engine(Displacement)	L	4.966	4.966
Fuel tank	L	140	140
Transmission	—	2/2 Electro-hydraulic	2/2 Electro-hydraulic
Working pressure	MPa	20	20

Remarks:The above parameters are based on 3M duplex standard mast.

Specification Of Optional Engine	Drive Type	Model	Displacement (L)	Rated Power/Speed (kW/r.p.m)
Cummins	Diesel	QSF3.8(Euro 3)	3.8	93/2200
Cummins	Diesel	F3.8(Euro 5)	3.8	90/2200
Isuzu	Diesel	6BG1	6.494	82.4/2200
Yuchai	Diesel	YCA05115- S500(Euro 5)	4.873	85/2200

Capacity Chart



Machine 2D Graph

