

ZOOMLION

FD40-50

ICE counterbalanced Diesel



High efficiency



Reliable design

PRODUCT CHARACTERISTICS



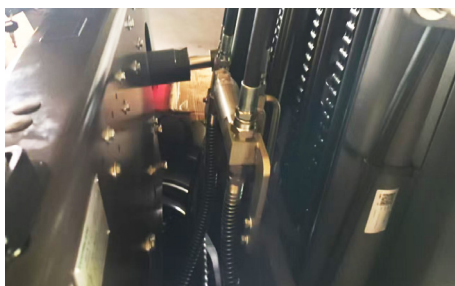
The standard and durable Kubota engines provide reliability and ease for sourcing spare parts.



The instrument panel is fully sealed by covering parts, which is in accordance with requirements of European and American market.



The mast provides the operator with a significant wide view, minimizing blind spots and increasing operator comfort, enhancing safety and efficiency and of operation.



United States standard pipeline in the forklift meeting local requirements



A full suspension seat that offers excellent comfort, with an operator safety system as standard.



The dashboard with a 3.5" LCD display, providing convenient viewing of the data when driving and operating.

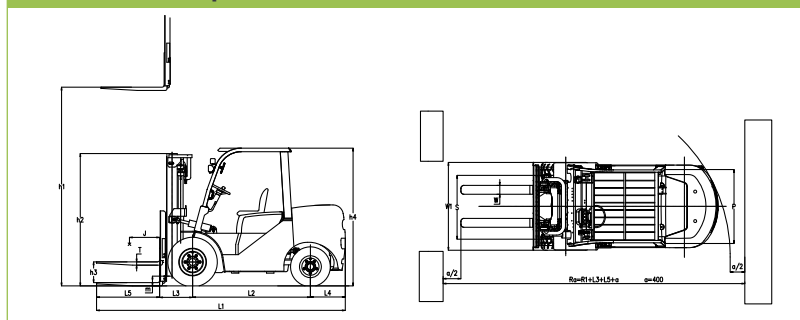
Machine Parameters

Features		FD40	FD45	FD50mini
Power	—	DIESEL	DIESEL	DIESEL
Rated Capacity	kg	4000	4500	5000
Center of load	J(mm)	500	500	500
Lifting height	h1(mm)	3000	3000	3000
Free lifting height	h3(mm)	140	140	140
Forks L×W×H	L5×W×T(mm)	1070×150×50	1070×150×50	1070×150×50
Tilt Forward/Backward	°	6/12	6/12	6/12
Min.turning radius	R1(mm)	2760	2760	2760
Min.ground clearance(Mast)	mm	160	160	160
Overhead guard height	h4(mm)	2350	2350	2350
Front overhang	L3(mm)	570	570	570
Rear overhang	L4(mm)	540	540	540
Performance				
Max.traveling speed(loaded)	km/h	18	18	18
Max.lifting speed (loaded/empty)	mm/s	410/430	410/430	410/430
Drawbar pull/Gradeability	kN/%	22/20	22/20	22/20
Size				
Overall length (with fork)	L1(mm)	4166	4166	4166
Overall width	W1(mm)	1490	1490	1490
Mast lowered height	h2(mm)	2355	2355	2355
Mast extended height (with/without backrest)	mm	4230/3600	4230/3600	4230/3600
Chassis				
Tire Front	—	300-15-18PR	300-15-18PR	300-15-18PR
Tire Rear	—	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR
Wheelbase	L2(mm)	2000	2000	2000
Tread width(Front/Rear)	S/P(mm)	1180/1190	1180/1190	1180/1190
Curb weight(Non-load)	kg	6090	6380	6680
Engine				
Battery(Voltage/Capacity)	V/Ah	24/80	24/80	24/80
Engine(Model)	—	MITSUBISHI S6S-228	MITSUBISHI S6S-228	MITSUBISHI S6S-228
Engine(Rated power)	kW/r.p.m	52/2300	52/2300	52/2300
Engine(Rated torque)	N.m/r.p.m	248/1700	248/1700	248/1700
Engine(Cylinder amount)	—	6	6	4
Engine(Bore × Stroke)	mm	94x120	94x120	94x120
Engine(Displacement)	L	4.966	4.966	4.966
Fuel tank	L	100	100	100
Transmission	—	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
Working pressure	MPa	20	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)
Kubota	Gasline/LPG	WG3800-GL-E3C	3.769	54.6/2400
Quanchai	Diesel	4C6-85U32	3.47	62.5/2200
Quanchai	Diesel	V35-88C41	3.47	65/2200
Yuchai	Diesel	YCF3675-T480	3.621	55.8/2200
Xinchai	Diesel	4D35ZG31	3.47	60/2200

Machine 2D Graph



Capacity Chart

