

ZOOMLION

FD40-50

DIESEL FORKLIFT



High efficiency



Reliable design

PRODUCT CHARACTERISTICS



The standard and durable Yuchai 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.



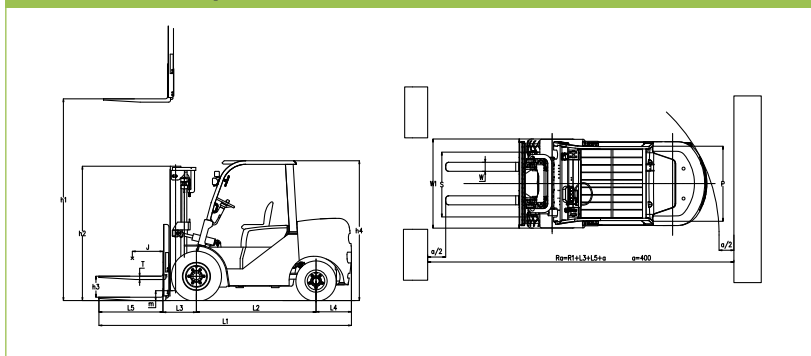
The dashboard with a 3.5" LCD display, providing convenient viewing of the data when driving and operating.

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)	146	146	146
Forks L×W×H	L5xWxT(mm)	1070×150×50	1070×150×50	1070×150×50
Tilt Forward/Backward	°	6/12	6/12	6/12
Min.turning radius	R1(mm)	2780	2780	2820
Min.ground clearance(Mast)	Ra(mm)	4815	4815	4855
ground clearance(Mast)	m(mm)	160	160	160
Overhead guard height	h4(mm)	2350	2350	2350
Front overhang	L3(mm)	565	565	565
Rear overhang	L4(mm)	540	540	584
Performance				
Max.traveling speed(loaded)	km/h	18	18	18
Max.lifting speed (loaded/empty)	mm/s	410/450	410/430	380/410
Drawbar pull/Gradeability	kN/%	22/20	22/20	22/20
Size				
Overall length (with fork)	L1(mm)	4175	4175	4219
Overall width	W1(mm)	1490	1490	1490
Mast lowered height	h2(mm)	2355	2355	2355
Mast extended height	mm	4257	4257	4257
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	6660
Engine				
Battery(Voltage/Capacity)	V/Ah	(12/90) X2	(12/90) X2	(12/90) X2
Engine(Model)	—	YCF3675-S580	YCF3675-S580	YCF3675-S580
Engine(Rated power)	kW/r.p.m	55.8/2200	55.8/2200	55.8/2200
Engine(Rated torque)	N.m/r.p.m	330/1600	330/1600	330/1600
Engine(Cylinder amount)	—	4	4	4
Engine(Bore × Stroke)	mm	98×120	98×120	98×120
Engine(Displacement)	L	3.62	3.62	3.62
Fuel tank	L	100	100	100
Transmission	—	2/1Manual Shift	2/1Manual Shift	2/1Manual Shift
Working pressure	MPa	20	20	20

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

Machine 2D Graph



Capacity Chart

The load table: 4-5t

