

ZOOMLION

FL-L40-50

ICE counterbalanced Dual Fuel



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 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.



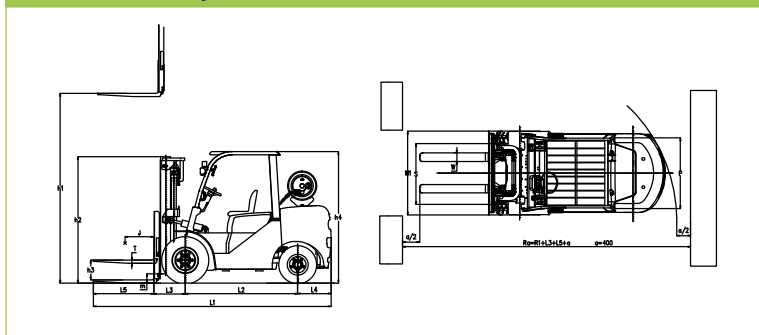
The dashboard with a 3.5" LCD display, providing convenient viewing of the data when driving and operating.

Machine Parameters

Features		FL-L40	FL-L45	FL-L50(MINI)
Power	—	LPG	LPG	LPG
Rated Capacity	lb	8818	9920	11023
Center of load	J(In)	19.69	19.69	19.69
Lifting height	h1(In)	118.11	118.11	118.11
Free lifting height	h3(In)	5.75	5.75	5.75
Forks L×W×H	L5×W×T(In)	42.13×5.91×1.97	42.13×5.91×1.97	42.13×5.91×1.97
Tilt Forward/Backward	°	6/12	6/12	6/12
Min.turning radius	R1(In)	109.45	109.45	111.02
Min.ground clearance(Mast)	Ra(In)	189.57	189.57	191.14
ground clearance(Mast)	m(In)	6.3	6.3	6.3
Overhead guard height	h4(In)	92.52	92.52	92.52
Front overhang	L3(In)	22.24	22.24	22.24
Rear overhang	L4(In)	21.26	21.26	22.83
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(In)	164.37	164.37	166.1
Overall width	W1(In)	58.66	58.66	58.66
Mast lowered height	h2(In)	92.72	92.72	92.72
Mast extended height	In	167.6	167.6	167.6
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(In)	78.74	78.74	78.74
Tread width(Front/Rear)	S/P(In)	46.46/46.85	46.46/46.85	46.46/46.85
Curb weight(Non-load)	lb	13426	14065	14682
Engine				
Battery(Voltage/Capacity)	V/Ah	(12/90) X2	(12/90) X2	(12/90) X2
Engine(Model)	—	Kubota WG3800	Kubota WG3800	Kubota WG3800
Engine(Rated power)	kW/r.p.m	65/2600	65/2600	65/2600
Engine(Rated torque)	N.m/r.p.m	272/1200	272/1200	272/1200
Engine(Cylinder amount)	—	4	4	4
Engine(Bore × Stroke)	In	3.94x4.72	3.94x4.72	3.94x4.72
Engine(Displacement)	L	3.8	3.8	3.8
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

