

ZOOMLION
NORTH AMERICA

FL40mini

DUAL FUEL FORKLIFT



High efficiency



Reliable design

PRODUCT CHARACTERISTICS



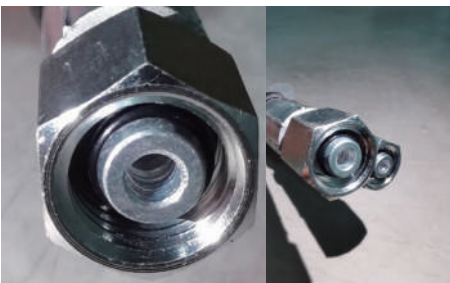
The standard and durable Kubota engines provide reliability and ease for sourcing spare parts.



Spacious driving space.



Integrated roof frame with good strength, sleek appearance, simple and reliable structure, and excellent sealing.



Using a 24 degree cone and O-ring seal to prevent leakage.



The counterweight can be optionally equipped with a rear guard to prevent exhaust high temperature burns and foreign objects from getting caught in the vehicle body.



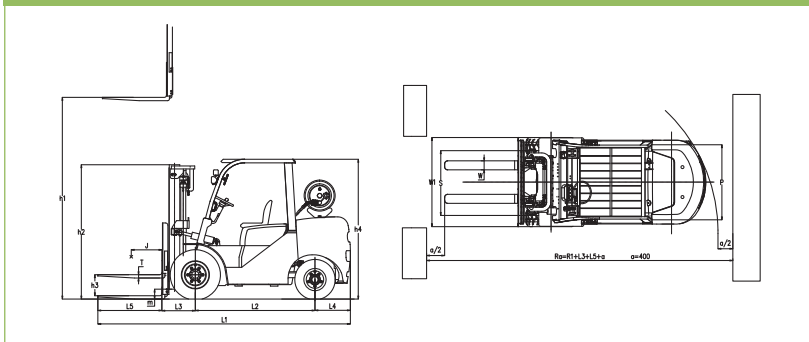
Wide-view mast allows operator to see the forks tips in any position, helping to enhance safety and reducing operator fatigue.

Machine Parameters

Features		FL-L40 (mini)	
Power	—	LPG	
Rated Capacity	Q	5619 lb	2549kg
Center of load	C	23.6In	600mm
Lifting height	h1(In)	189	
Free lifting height	h3(In)	4.17	
Forks L×W×H	L5xWxT(In)	42.12x4.92x1.97	
Tilt Forward/Backward	°	6/6	
Min.turning radius	R1(In)	106	
Min right angle stalking width	Ra(In)	176	
ground clearance(Mast)	m(In)	4.92	
Overhead guard height	h4(In)	82.3	
Front overhang	L3(In)	20.2	
Rear overhang	L4(In)	20.9	
Performance			
Max.traveling speed(loaded)	mph	12.1	
Max.lifting speed (loaded/empty)	in/s	16.34/17.32	
Drawbar pull/Gradeability	kN/%	20/20	
Size			
Overall length (with fork)	L1(In)	122	
Overall width	W1(In)	55.5	
Mast lowered height	h2(In)	89.7	
Mast extended height	In	233.4	
Chassis			
Tire Front	—	250-15-16PR	
Tire Rear	—	6.50-10-10PR	
Wheelbase	L2(In)	74.8	
Tread width(Front/Rear)	S/P(In)	45.7/41.9	
Curb weight(None-load)	lb	11684.5	
Engine			
Battery(Voltage/Capacity)	V/Ah	12/80	
Engine(Model)	—	Kubota WG2503	
Engine(Rated power)	kW/r.p.m	43.5/2600	
Engine(Rated torque)	N.m/r.p.m	174/1400	
Engine(Cylinder amount)	—	4	
Engine(Bore×Stroke)	In	3.46x 4.03	
Engine(Displacement)	L	2.491	
Fuel tank	L	80	
Transmission	—	Electro-hydraulic	
Working pressure	MPa	17.5	

Remarks:The above parameters are based on 4.8M. 3 Steps Free Mast.

Machine 2D Graph



Capacity Chart

