

ZOOMLION
NORTH AMERICA

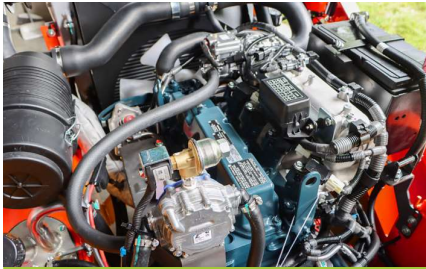
FL-L20-35H

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

Characteristics		FL-L20H	FL-L25H	FL-L30H	FL-L35H
Power	-	LPG	LPG	LPG	LPG
Rated Capacity	lb	4409	5512	6614	7716
Load Center	J(in)	19.69	19.69	19.69	19.69
Max. Lifting Height	H1(in)	118.11	118.11	118.11	118.11
Free Lifting Height	H3(in)	5.31	5.31	5.31	5.31
Fork Size LxWxH	L5xWxT(in)	42.13x4.8x1.57	42.13x4.8x1.57	42.13x4.92x1.77	42.13x4.92x1.97
Mast Tilting Angle Forward/Backward	°	6/12	6/12	6/12	6/12
Min. Turning Radius	R1(in)	88.19	88.19	94.88	96.26
Min. Ground Clearance (mast)	Ra(in)	4.33	4.33	4.33	4.72
Overhead Guard Height	H4(in)	82.28	82.28	83.86	82.28
Height from Seat to Overhead Guard	in	39.57	39.57	39.37	39.57
Performance					
Max. Traveling Speed (loaded)	km/h	19	19	20	20
Max. Lifting Speed (loaded/unloaded)	mm/s	490/510	490/510	470/520	470/520
Max. Traction/Gradeability (loaded)	kN/%	17/20	17/20	18/20	18/20
Min. Right Angle Stacking Aisle Width	in	164.69	164.69	171.77	173.35
Dimensions					
Overall Length(without fork)	L1(in)	101.18	101.18	106.5	108.11
Overall Width	W1(in)	45.67	45.67	48.43	48.43
Mast Lowered Height	H2(in)	78.35	78.35	80.91	82.48
Mast Extended Height	in	157.48	157.48	167.56	167.56
Chassis					
Tyre(Front)	-	7.00-12-12PR	7.00-12-12PR	28x9-15-12PR	28x9-15-12PR
Tyre(Rear)	-	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR
Wheelbase	L2(in)	62.99	62.99	66.93	66.93
Tread(Front/Rear)	S(in)	38.19/38.19	38.19/38.19	39.37/38.19	39.37/38.19
Curb Weight(Non-load)	in	7385	8378	9590	10692
Powertrain					
Battery(Voltage/Capacity)	V/Ah	12/90	12/90	12/90	12/90
Engine(Model)	-	Kubota WG2503	Kubota WG2503	Kubota WG2503	Kubota WG2503
Engine(Rated power)	kW/r.p.m	41.3/2600	41.3/2600	41.3/2600	41.3/2600
Engine(Rated torque)	Nm/r.p.m	171/1800	171/1800	171/1800	171/1800
Engine(Cylinder amount)	-	4	4	4	4
Engine(Bore × Stroke)	in	3.46 × 4.03	3.46 × 4.03	3.46 × 4.03	3.46 × 4.03
Engine(Displacement)	L	2.434	2.434	2.434	2.434
Fuel Tank Capacity	L	60	60	70	70
Transmission	-	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
Working Pressure	MPa	17.5	17.5	17.5	17.5

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

