

ZOOMLION

# FL25H

## DOUBLE FUEL FORKLIFT



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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.



Mast with rear chain layout, improving operating field of vision and work efficiency.



United States standard pipeline in the forklift meeting local requirements.



Integrated stamping roof protection frame ceiling, with a beautiful overall shape, safe and reliable.



LED Display offers useful information, such as the fuel meter, water temperature indicator and hour meters. USB charger and power outlet are special designed for the convenience of operator.

## Machine Parameters

Characteristics		FL20H	FL25H	FL30H	FL35H
Power	-	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG
Rated Capacity	kg	2000	2500	3000	3500
Load Center	J(mm)	500	500	500	500
Max. Lifting Height	H1(mm)	3000	3000	3000	3000
Free Lifting Height	H3(mm)	135	135	145	160
Fork Size LxWxH	L5xWxT(mm)	1070x122x40	1070x122x40	1070x125x45	1070x125x50
Mast Tilting Angle Forward/Backward	°	6/12	6/12	6/12	6/12
Min. Turing Radius	R1(mm)	2240	2240	2410	2445
Min. Ground Clearance (mast)	Ra(mm)	110	110	120	120
Overhead Guard Height	H4(mm)	2140	2140	2170	2170
Height from Seat to Overhead Guard	mm	1005	1005	1005	1005
<b>Performance</b>					
Max. Traveling Speed (loaded)	km/h	19	19	20	20
Max. Lifting Speed (loaded/unloaded)	mm/s	410/430	410/430	410/430	410/430
Max. Traction/Gradeability (loaded)	kN/%	17/20	17/20	18/20	18/20
Min. Right Angle Stacking Aisle Width	mm	4183	4183	4363	4403
<b>Dimensions</b>					
Overall Length(without fork)	L1(mm)	2570	2570	2705	2746
Overall Width	W1(mm)	1160	1160	1230	1230
Mast Lowered Height	H2(mm)	1990	1990	2055	2095
Mast Extended Height	mm	4000	4000	4256	4256
<b>Chassis</b>					
Tyre(Front)	-	7.00-12-12PR	7.00-12-12PR	28x9-15-14PR	28x9-15-14PR
Tyre(Rear)	-	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR
Wheelbase	L2(mm)	1600	1600	1700	1700
Tread(Front/Rear)	S(mm)	970/970	970/970	1000/970	1000/970
Curb Weight(None-load)	kg	3350	3800	4350	4850
<b>Powertrain</b>					
Battery(Voltage/Capacity)	V/Ah	12/80	12/80	12/80	12/80
Engine(Model)	-	WG2503	WG2503	WG2503	WG2503
Engine(Rated power)	kW/r.p.m	43.5/2600	43.5/2600	43.5/2600	43.5/2600
Engine(Rated torque)	Nm/r.p.m	174/1400	174/1400	174/1400	174/1400
Engine(Cylinder amount)	-	4	4	4	4
Engine(Bore × Stroke)	mm	88x102.4	88x102.4	88x102.4	88x102.4
Engine(Displacement)	L	2.491	2.491	2.491	2.491
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.

## Specification of Mast

### M-Duplex Standard Mast

Lifting Height	Capacity				Mast Height				Mast Tilt Angle		
	2T	2.5T	3T	3.5T	2T-2.5T		3T			3.5T	
	Single Tire				Forks Landing	Height with Backrest	Forks Landing	Height with Backrest		Forks Landing	Height with Backrest
mm	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	°
2000	2000	2500	3000	3500	1495	3025	1565	3260	1595	3265	6/12
2500	2000	2500	3000	3500	1745	3525	1815	3760	1845	3765	6/12
3000	2000	2500	3000	3500	1995	4025	2065	4260	2095	4265	6/12
3300	2000	2500	3000	3500	2145	4325	2215	4560	2245	4565	6/12
3500	2000	2500	3000	3500	2245	4525	2315	4760	2345	4765	6/12
3700	2000	2500	3000	3500	2345	4725	2415	4960	2445	4965	6/12
4000	2000	2500	3000	3500	2545	5025	2615	5260	2645	5265	6/12
4500	1800/*1900	2200/*2400	2600/*3000	2850/*3500	2795	5525	2865	5760	2895	5765	6/6 *6/12
5000	1300/*1700	1450/*2200	2100/*2850	2400/*3150	3045	6025	3115	6260	3145	6265	6/6 *6/6
5500	*1500	*1700	1550/*2400	1850/*2700	3345	6525	3415	6760	3445	6765	*3/6
6000	*1300	*1400	1100/*2000	1400/*2300	3595	7025	3665	7260	3685	7265	*3/6

Remark: \* means double front tires.

### Z-Duplex Full Free Mast

Lifting Height	Capacity				Mast Height				Free Lifting Height			Mast Tilt Angle		
	2T	2.5T	3T	3.5T	2T-2.5T		3T		3.5T		2T-2.5T		3T	3.5T
	Single Tire				Forks Landing	Height with Backrest	Forks Landing	Height with Backrest	Forks Landing	Height with Backrest	Height with Backrest			
mm	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	°
2000	2000	2500	3000	3500	1495	3035	1565	3275	1595	3273	511	337	367	6/12
2500	2000	2500	3000	3500	1745	3535	1815	3775	1845	3773	761	587	617	6/12
3000	2000	2500	3000	3500	1995	4035	2065	4275	2095	4273	1011	837	867	6/12
3300	2000	2500	3000	3500	2145	4335	2215	4575	2245	4573	1161	987	1017	6/12
3500	2000	2500	3000	3500	2245	4535	2315	4775	2345	4773	1261	1087	1117	6/12
3700	2000	2500	3000	3500	2345	4735	2415	4975	2445	4973	1361	1187	1217	6/12
4000	2000	2500	3000	3500	2545	5035	2615	5275	2645	5273	1561	1387	1417	6/12

Remark: The max. lifting height without backrest: 2T-2.5T -420mm; 3T-3.5T -580mm.  
The free lifting height without backrest: 2T-2.5T +420mm; 3T-3.5T +580mm.

