

ZOOMLION
NORTH AMERICA

FD20H

ICE counterbalanced Diesel



High efficiency



Reliable design



PRODUCT CHARACTERISTICS



Exceptional Powertrain

Japanese Kubota Euro5 diesel engine with EPA certified, widely used in European and North American countries



Ergonomics

Roomy foot space of 1.06 meters wide enables a comfort operation. Hydraulic controls are located besides display allowing easy right-side entry and exit.



High Efficient Cooling

"Orlandi" radiator system from Italy offers ample reliability by preventing overheating and saving the oil consumption.



Combination Display and USB

LED Display offers useful information, USB charger and power outlet are special designed for the convenience of operator.



Reliable Component

SHIMADZU pump and valve, EATON oil pipe ensure precise control and durable lifetime.



Outstanding Visibility

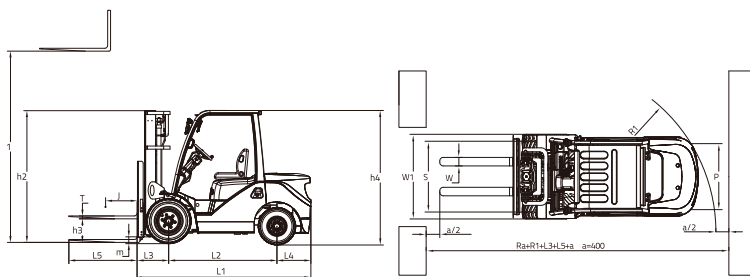
Wide-view mast allows operator to see the forks tips in any position, helping to enhance safety and reducing operator fatigue.

Machine Parameters

Characteristics		FD20H	
Power	-	Diesel	
Rated Capacity		3304lb	1499 kg
Load Center	J	24 In	600 mm
Max. Lifting Height	H1(Ft)	15.75	
Free Lifting Height	H3(Ft)	3.25	
Fork Size LxWxH	L5xWxT(Ft)	3.5x0.41x0.16	
Mast Tilting Angle Forward/Backward	°	6/6	
Min. Turning Radius	R1(Ft)	7.35	
Min right angle stacking width	Ra(Ft)	15.11	
Overhead Guard Height	H4(Ft)	7.02	
Height from Seat to Overhead Guard	Ft	3.3	
Performance			
Max. Traveling Speed (loaded)	mph	11.8	
Max. Lifting Speed (loaded/unloaded)	in/s	16.14/16.93	
Max. Traction/Gradeability (loaded)	kN/%	17/20	
Min. Right Angle Stacking Aisle Width	Ft	13.4	
Dimensions			
Overall Length(without fork)	L1 (Ft)	8.43	
Overall Width	W1 (Ft)	3.81	
Mast Lowered Height	H2(Ft)	7.1	
Mast Extended Height	Ft	19.6	
Chassis			
Tyre(Front)	-	7.00-12-12PR	
Tyre(Rear)	-	6.00-9-10PR	
Wheelbase	L2(Ft)	5.25	
Tread(Front/Rear)	S(Ft)	3.18/3.18	
Curb Weight(Non-load)	lb	7385.49	
Powertrain			
Battery(Voltage/Capacity)	V/Ah	12/80	
Engine(Model)	-	Kubota V2403-CR-E5B	
Engine(Rated power)	kW/r.p.m	42.6/2400	
Engine(Rated torque)	Nm/r.p.m	195.6/1500	
Engine(Cylinder amount)	-	4	
Engine(Bore × Stroke)	Ft	0.285 × 0.336	
Engine(Displacement)	L	2.434	
Fuel Tank Capacity	L	60	
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

