

I. Forklift Truck Main Technical Parameters

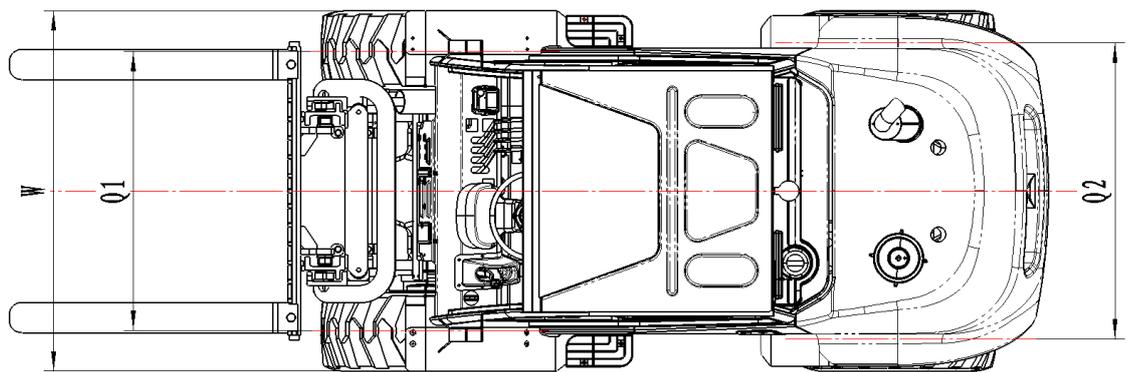
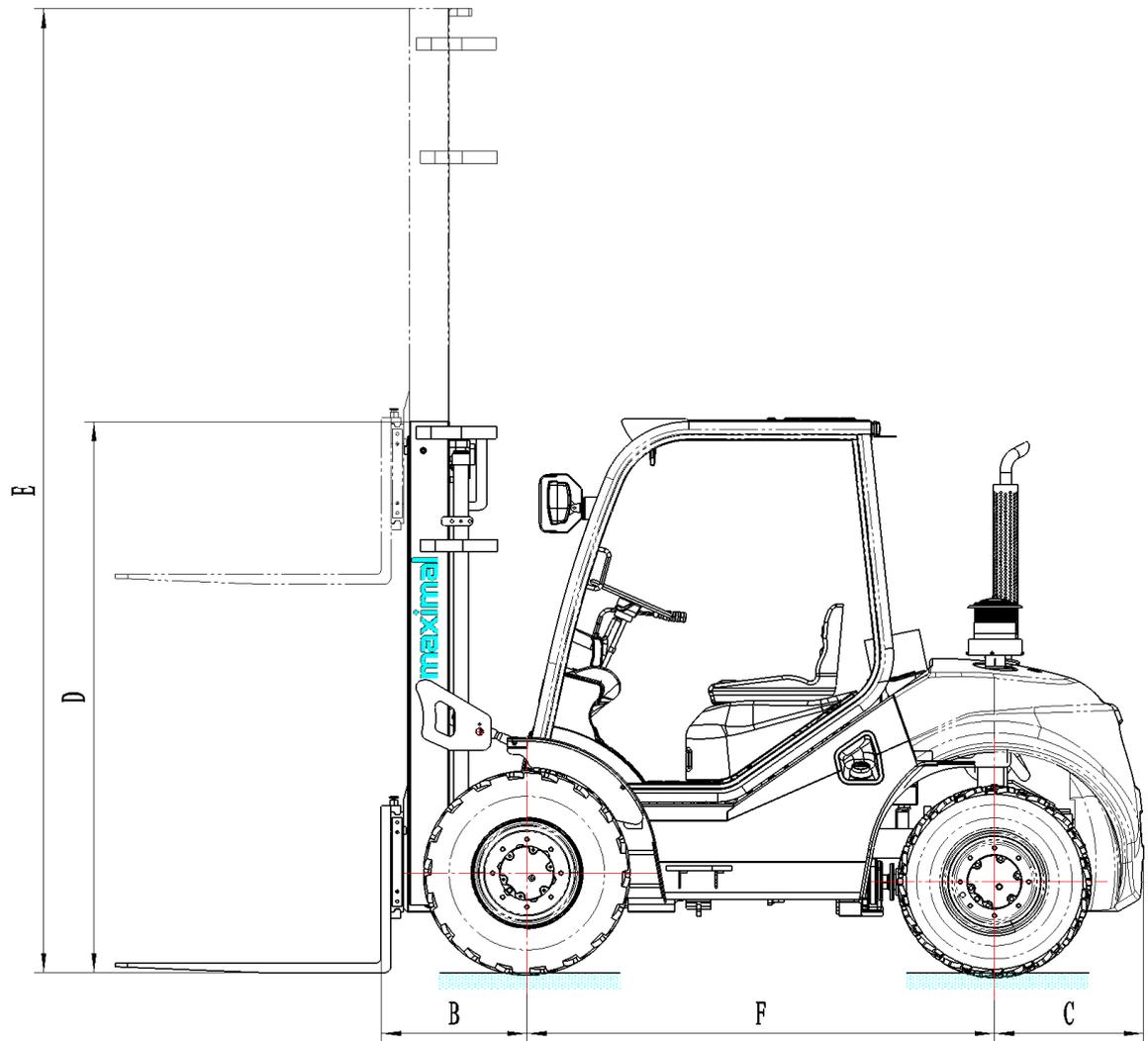
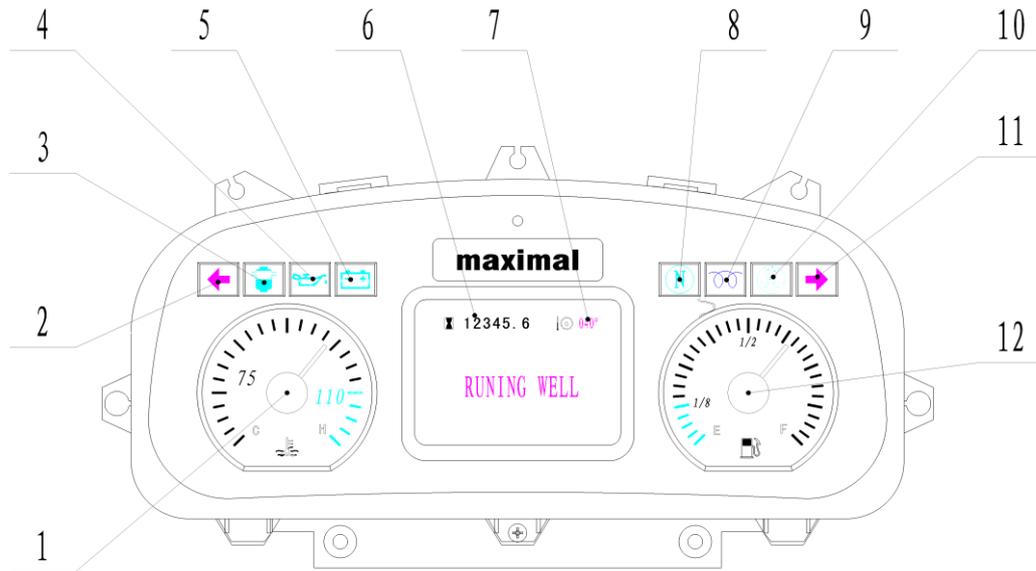


Table 1

Parameter		Model	FD18	FD25	FD35
		Rated Load	kg	1800	2500
Load Center	mm	500			
Lifting Height	mm	3000			
Free Lifting Height	mm	105	160	165	
Mast Tilt Angle	Front/Rear	10/12 °			
Lifting Speed	mm/s	Full-Load	610	600	485
		Running Speed km/h	Hydraulic Truck	Full-Load	19
	No-Load	20		20	19
Max Traction Force	Full-Load	N	38000		
		Gradeability	Full-Load	%	80
Efficiency of differential lock		%	45	45	45
Min Turning Radius R		mm	3120		

Table 2

Parameter		Model	FD18	FD25	FD35
Size Parameter	Whole Length L (Without Fork) mm		3000	3066	3081
	Whole Width W mm		1450		1600
	Whole Height D (Mast Retracted) mm		2148	2235	2330
	Whole Height E (Mast Extended with rack) mm		4150	4175	4305
	Wheelbase F mm		1880		
	Wheelbase	Front Q1 mm	1123		1250
		Rear Q2 mm	1190		
	Front Clearance B mm		530	586	601
	Rear Clearance C mm		600		
	Fork Dimension	Length mm	1070	1070	1220
		Width mm	100	122	122
		Height mm	35	40	45
	Fork Horizontal Adjustment Quantity mm		200-1315	250-1310	250-1500
	Ground Clearance (in the Place of Mast) mm		273	270	270
Self weight kg		4185	4830	5535	



- 1: Water temperature gauge, indicates the water temperature of forklift truck engine;
- 2: Left turn indicator light, indicates the left turning work of the forklift;
- 3: Oil-water separation indicator indicates that the water content in the oil-water separator is too high, you need to manually drain;
- 4: Low oil pressure indicator light indicates low engine pressure;
- 5: Charge indicator light indicates the generator charging the battery;
- 6: Timer counts the working hours of the engine;
- 7: Torque converter oil temperature display shows the oil temperature of the gearbox torque converter;
- 8: Display gear state, neutral if N point flashes;
- 9: Preheating indicator, indicates the engine air preheating in progress;
- 10: Air filter clogging indicator, indicates the air filter clogged;
- 11: Right turn indicator light, indicates the right turning work of the forklift;
- 12: Show the amount of fuel oil remaining in the fuel tank.

Introduction to electrical box:

The electrical box is used to install a chip fuse and relay. The chip fuse is used to protect the circuits to prevent electrical appliances and wire being burnt due to short circuit. The relay is used to expand the switch capacity, making the small-capacity switch can control high-power electrical appliances.

7. Drawing of Lubricating System

