



WORLDWIDE CONSTRUCTION MACHINERY

FL936F WHEEL LOADER



Rated Power: 92Kw
Bucket Capacity: 1.8m³
Operating Weight: 10000kg

Model Shown May Include Options

TRANSMISSION

Transmission	Fixed shaft power shift transmission		
	Gear	F(Km/h)	R(Km/h)
	1st	2nd	
Low	7.2	25.2	9.0
High	13.2	37.0	31.5

AXLE SYSTEM

Type	4WD
Front/rear axle	Rigid front axle, oscillating rear axle
Tyres	17.5*25-12(L-3)
Final reduction	Vertical column gear, planetary reduction
Rear axle oscillation	11°

HYDRAULIC & STEERING SYSTEM

Frame type	Articulated frame	
Steering type	Hydraulic steering	
Lifting cylinder	Double-acting piston:2-131*1240	
Dumping cylinder	Double-acting piston:1-192*938	
Steering cylinder	Double-acting piston:2-93*604	
Main oil pump	50ml/r	
Steering oil pump	50ml/r	
Relief valve set pressure.	lifting	16Mpa
	steering	14Mpa
Hydraulic cycle time (second)		
Lifting (full load)	5.7	
Lowering (empty)	3.6	
Dumping	1.2	
Total	10.5	

SERVICE REFILL CAPACITY

LOCATION	LITRES
Water tank	15
Fuel tank	140
Sump (engine oil)	20
Front axle (gear oil)	25
Rear axle (gear oil)	25
Torque converter and Transmission (gear oil)	32
Hydraulic system (hydraulic oil)	170
Brake oil tank	4

**FOTON**

FL936F FEATURES:

1. Economic and powerful Deutz engine
2. Power shift transmission
3. Meritor Axles with dry type disc brake
4. Centre-pin structure provides smaller turning radius
5. Hydraulic steering with loader sensor
6. Hydraulic levers operation as standard with option of joystick

MAIN PERFORMANCE

Rated load	3000Kg
Operating weight	10000Kg
Rate bucket capacity	1.8m ³
Max.breakout force	120KN
Static tipping load	6000Kg
Max.dump clearance	2980mm
Dump reach	1100mm
Dump angle	>45°
Min.turning radius	Outside of bucket 5920mm Outside of rear wheel 5000mm

ENGINE

Model	Weichai-Deutz, TD226B-6
Type	inline, water cooled, direct injection
Total power	92Kw
Max.torque	520N.m
Number of cylinders	6
Bore and stroke	105mm*120mm
Total displacement	6.2L
Alternator	28v, 1000W
Starting motor	24v, 400W
Battery	165Ah
Fuel consumption	220g/Kw.h

TORQUE CONVERTER

Torque converter	3-elements, single stage
Torque stall ratio	3.13
Cooling method	Forced circulation type

BRAKE SYSTEM

Service brakes	4 wheels, disc brake
Parking / Emergency brake	Hand brake

