

Products Technical Specification**SAIPA DIESEL****FOTON AUMARK BJ1069VDPEA-FB**

Engine		Cummins
Type	ISF 3.8s 4141	
Emission level	EURO IV	
Fuel consumption :	215gr/kw h at 2600 rpm	
Rated. power :	105/2600 (kw/rpm)	
Rated. torque :	450/1200-2200 (Nm/ rpm)	
Number of cylinders	4	
Displacement (lit)	3.8	
Cylinder bore (mm)	102	
Engine oil capacity (lit)	7.2	
Cooling system volume (lit)	10	

Gear box	
Type	6S500
No. of gears :	6 forward & 1 reverse
Gear ratios	
1 st	I: 6.198
2 nd	II: 3.287
3 rd	III:2.025
4 th	IV:1.371
5 th	V:1.000
6 th	VI:0.78
Revers	R : 5.681

Clutch	
System :	Single plate hydraulic release - Valeo
Brand	
Plate diameter (mm) :	330×φ200

Cab	
King cab, tiltable.	

Electrical System	
Voltage (V)	24
Battery capacity (A.H)	100*2
Alternator capacity (A)	70
Starter motor power (kw)	3.6

Standard Equipments	
Air condition, Radio-CD player, Hydraulic jack ,manual idle , Front&Rear control, tool box , dual passenger seat , fire extinguisher , safety belts , emergency light , wheel chock , front & rear fog lights ,electric window , spare wheel holder, warning vest, two speed wind screen wipers , side chassis tool box , warning triangle, central control lock, exhaust brake, Tachograph, with DPF	

Fuel Tank	
Aluminium	200lit

Urea Tank	
High density polyethelene	Capacity 14 lit

Chassis Dimensions (mm)	
Overall chassis length	6670
Cab width	2150
Cab height (unladen)	2350
Frame height (unladen)	860
Wheel base	3800
Rear over hang	1820
Cargo body length	5090
Water cooled, turbocharged, direct injection, exhaust brake system, heating for starting.	

Chassis weights (kg)	
G.V.W	6000
Curb weight	2920
Pay load (including body weight)	3500
Chassis weight include : Cab, engine, gear box, axle, suspension, tyres and fuel tank	
Note: Weights can vary ± 1.5%	

Axles	
Front	
Load capacity (ton)	2.5
Rear	
Load capacity (ton)	4.5

Differential ratio	4.11:1
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Brake System	
Pneumatic dual circuits , ABS	

Steering	
System:	Hydraulic Power
No. of turns (lock to lock)	4.2
Steering wheel's dia.	425 mm

Tires	
Tires :	7.5 "R 17.5"

Suspension	
Front :	
System:Longitudinal, elliptical leaf spring,9 non-independent suspension, hydraulic dual acting telescopic shock absorber	
Rear :	
System:Longitudinal, elliptical leaf spring,6+6 non-independent suspension, hydraulic dual acting telescopic shock absorber	