

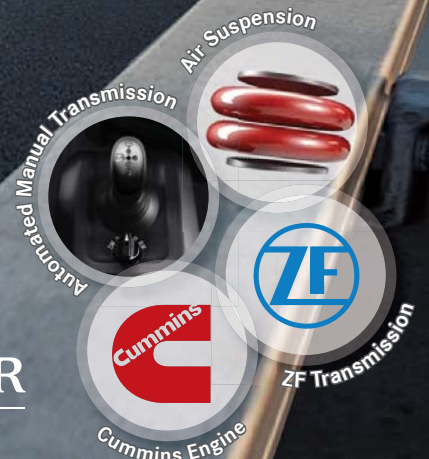


AUMAN EST A

TECHNOLOGY LEADING INTO THE FUTURE



Produced by
FOTONDAIMLER
AUTOMOTIVE



Specifications

Model		BJ4189A	
PERFORMANCE		Automated Manual Transmission (AMT)	
	Axle Configuration	4x2	
	Permissible GVW / GCW (kg)	20,000 / 46,000	
	Minimum Turning Radius (m)	7.0	
Rated Max. Speed / Gradeability	110 (km/h) / 45%		
ENGINE	Make and Model	Cummins ISGe3-430	
	Type	Sculpture Light Weight Compact Block Design, Diesel, Turbocharged Intercooled, Four-stroke	
	Number of Cylinders / Emission Standard	6 cylinders in-line / Euro-3	
	Bore x Stroke (mm) / Compression Ratio	132 x 144 (mm) / 17.1 : 1	
	Total Piston Displacement (cc)	11,800	
	Rated Max. Output (HP)	430HP (316KW) @ 2,200rpm	
	Rated Max. Torque (N-m)	2,200N-m (224.3kg-m) @ 1,000rpm - 1,400rpm	
	Fuel Injection System	ECU controlled Common Rail, BOSCH, Patented Cummins XPI High Pressure Injection System	
	Lubrication / Cooling System	Integrated within the Block Design, Lubricant forced feed by Gear Pump / Water Cooled	
	Cooling Fan	Electric Controlled Cooling Fan with V-Ribbed Belts	
Special Features	Load-Based Speed Control System (LBSC), Nanonet fuel filter, StrataPore with pre-loaded chemical additives oil filter		
TRANSMISSION	Make and Model	ZF Traxon Automated Manual Transmission, ZF12TX2420TD	
	Type	12 forward speeds & 4 reverse speeds	
	Gear Ratios	i1 : 16.69 i2 : 12.92 i3 : 9.93 i4 : 7.67 i5 : 5.90 i6 : 4.57 i7 : 3.66 i8 : 2.83 i9 : 2.17 i10 : 1.68 i11 : 1.29 i12 : 1.00 iRev-1 : 15.54 iRev-2 : 12.03 iRev-3 : 3.40 iRev-4 : 2.64	
	Gear Shift	ECU controlled Automated Manual Transmission (AMT)	
Axle Final Reduction Ratio	3.083 with Differential lock (Optional - 2.846)		
CHASSIS	Clutch System	ECU controlled ZF Automated Manual Transmission (AMT), Dry single clutch diameter 430mm	
	Front Axle	Forged reverse Elliot "I" beam	
	Front Suspension System	Heavy-duty Parabolic leaf spring (3pcs)	
	Rear Axle	Full floating pressed steel, Hypoid Gear	
	Rear Suspension System	Air suspension system, 4-Air Bellows, 2-Levelling vales, Lifttable	
	Rear Air Suspension Lifting	Max: 870mm, Min: 670mm, Normal: 740mm	
	Stabilizer Bar	Heavy-duty at Front and Rear	
	Shock Absorbers	Telescopic double acting at Front and Rear	
	Tyres (Front / Rear)	295 / 80R22.5; 7pcs	
	Wheel Rim	Pressed tubeless steel rim, 9.00R22.5, ISO 10-studs	
	Steering System	Hydraulic Power Assistance	
	Service Brake	Air Braking Dual Circuits with Antilock Braking System (ABS), assisted by auxiliary braking system	
	Air System	WABCO Heavy duty air compressor, Aluminium air tanks	
	Brake Type (Front / Rear)	Disc / Disc, Self adjusting brake	
	Parking Brake	Pneumatically controlled spring brake acting at rear wheels	
	Auxiliary Brake	ECU controlled Engine Brake integrated with Exhaust Brake (2-stages)	
Frame (Height x Width x Thickness)	Channel ladder (225 / 286mm x 80mm x 8+5mm)		
Fuel Tank Type	720-L, Aluminium with Lock, Anti-Spill Device		
ELECTRICAL	Electrical System	24-volt	
	Battery	180AH, 2pcs	
	Alternator	Cummins, 110Amp, 28V, Driven by V-Ribbed Belts	
	Starter Motor	Cummins, 7.5KW, 24V	
CABIN	Cabin	Wide spacious, Flat Floor, High roof, Electric remote control tilting cabin, Electric remote control rear view mirror, Driver and Assistant seat with safety belt, Sleeping berth (double decker, 2pcs), Electric remote control roof ventilator window, Wide storage compartment	
	Cabin Suspension	Full Air Suspension Cabin, SACHS Air Bellows, 4pcs	
	Instrument Cluster Meter	On-board diagnosis meter, Meters, Gauges, Warning indicator lights and buzzers, Fuel consumption data reader	
	Warning Indicator	Low oil pressure warning, Signal indicator, Battery charging warning indicator, Exhaust brake indicator, Parking brake indicator, High beam light indicator, Hazard light indicator, Low fuel indicator, Safety belt	
	Meter and Gauge	Speedometer, RPM meter, Fuel gauge, Temperature gauge, Oil pressure gauge, Air pressure meter	
ACCS.	Standard Fitment	Air conditioning, Audio system with USB port, Door remote control system, Sun shield (2pcs), Speed limiter, Day running light, Air foil and Dam, Fifth wheel coupler, Auto greasing system, Rear suspension lifter(controllable chassis high level)	
	Optional Fitment	Transmission PTO	
WEIGHT (KG)	Chassis with Cab Curb Weight	8,040	
	Designed Axle Load (Front)	7,000	
	Designed Axle Load (Rear)	13,000	
	Wheelbase (WB)	3,600	
	Overall Length (OL) x Overall Width (OW)	6,085 x 2,490	
DIMENSIONS (MM)	Overall Height (OH)	3,900 (with Fitted Air foil)	
	Axle Tread [Front (FT) / Rear (RT)]	2,020 / 1,829	
	Overhang [Front (FOH) / Rear (ROH)]	1,450 / 1,005	

NOTE: All images are for illustration purposes only. Actual vehicle specifications may vary from model shown. Specification are subject to change without prior notice.