

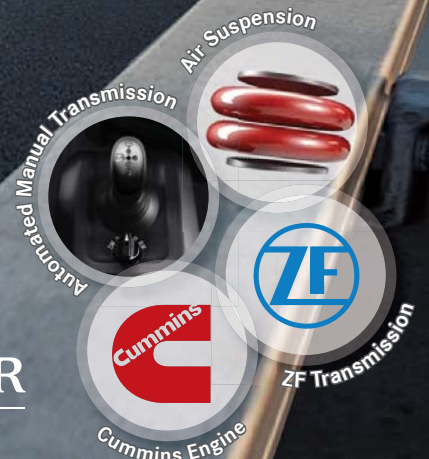


AUMAN EST A

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, Liftable
	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.