



AUMAN ESTAL

TECHNOLOGY LEADING INTO THE FUTURE



Produced by
FOTONDAIMLER
AUTOMOTIVE



Specifications				
Model		BJ4189T2	BJ4259TF	BJ4259L
PERFORMANCE		Automated Manual Transmission (AMT)		
	Axle Configuration	4x2	6x2, Air lifting Taglift axle	6x4, Hub Reduction
	Permissible GVW / GCW (kg)	20,000 / 55,000	33,000 / 55,000	33,500 / 90,000
	Minimum Turning Radius (m)	6.7	7.1	7.2
	Rated Max. Speed / Gradeability	121 (km/h) / 40%	121 (km/h) / 30%	100 (km/h) / 24%
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) @ 1,900rpm		
	Rated Max. Torque (N-m)	2,200N-m (224kg-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), ECU controlled speed limiter			
TRANSMISSION	Make and Model	ZF Traxon Automated Manual Transmission, ZF 12TX2420TD		
	Type	12 forward speeds & 2 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		
	Gear Shift	ECU controlled Automated Manual Transmission (AMT)		
	Axle Final Reduction Ratio	3.083 with Differential lock	3.86 with Differential lock, Inter-axle lock	
CHASSIS	Clutch System	ECU Controlled ZF Automated Manual Transmission (AMT), Dry single clutch diameter 430mm		
	Front Axle	Forged reverse Elliot "I" beam		
	Front Spring	Heavy-duty long parabolic leaf spring	Heavy-duty semi elliptic leaf spring	
	Rear-Front Axle	Full floating pressed steel, Hypoid Gear		Full floating pressed steel, Hypoid Gear, Hub Reduction
	Rear-Rear Axle	-	Liftable heavy-duty square beam dead taglift axle	Full floating pressed steel, Hypoid Gear, Hub Reduction
	Rear Spring	Heavy-duty long parabolic leaf spring	Equalizer tandem taglift suspension system, Semi-elliptic leaf spring	Trunnion mounted semi elliptic leaf spring
	Tag Lift Axle Lifting Mechanism	-	Pneumatically controlled air bellow lifting	-
	Stabilizer Bar	Heavy-duty at Front and Rear	Heavy-duty at Front	
	Shock Absorbers	Telescopic double acting at Front and Rear		
	Tyres (Front / Rear)	295 / 80R22.5, 7pcs	295 / 80R22.5, 11pcs	315 / 80R22.5, 11pcs
	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		
	Brake Type (Front / Rear)	Drum / Drum, 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 8mm)		Channel ladder (225 / 286mm x 80mm x 8+5mm)
Fuel Tank Type	450-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, 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 visors (2pcs), Speed limiter, Day running light, Air foil and Dam, Fifth wheel coupler, Auto greasing system		
	Optional Fitment	Transmission PTO		
WEIGHT (KG)	Chassis with Cab Curb Weight	7,600	8,800	10,350
	Designed Axle Load (Front)	7,000		7,500
	Designed Axle Load (Rear)	13,000		
	Designed Axle Load (Rear-Rear)	-	13,000	
DIMENSIONS (MM)	Wheelbase (WB)	3,600	3,300 + 1,300	3,300 + 1,350
	Overall Length (OL) x Overall Width (OW)	6,400 x 2,490	6,950 x 2,490	
	Overall Height (OH)	3,900 (with air foil); 3,840 (without air foil)		
	Axle Tread [Front (FT) / Rear (RT)]	2,010 / 1,804		
	Overhang [Front (FOH) / Rear (ROH)]	1,450 / 1,030	1,450 / 1,005	1,450 / 850

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