

ISUZU GIGA

385 CXZ



AT A GLANCE:

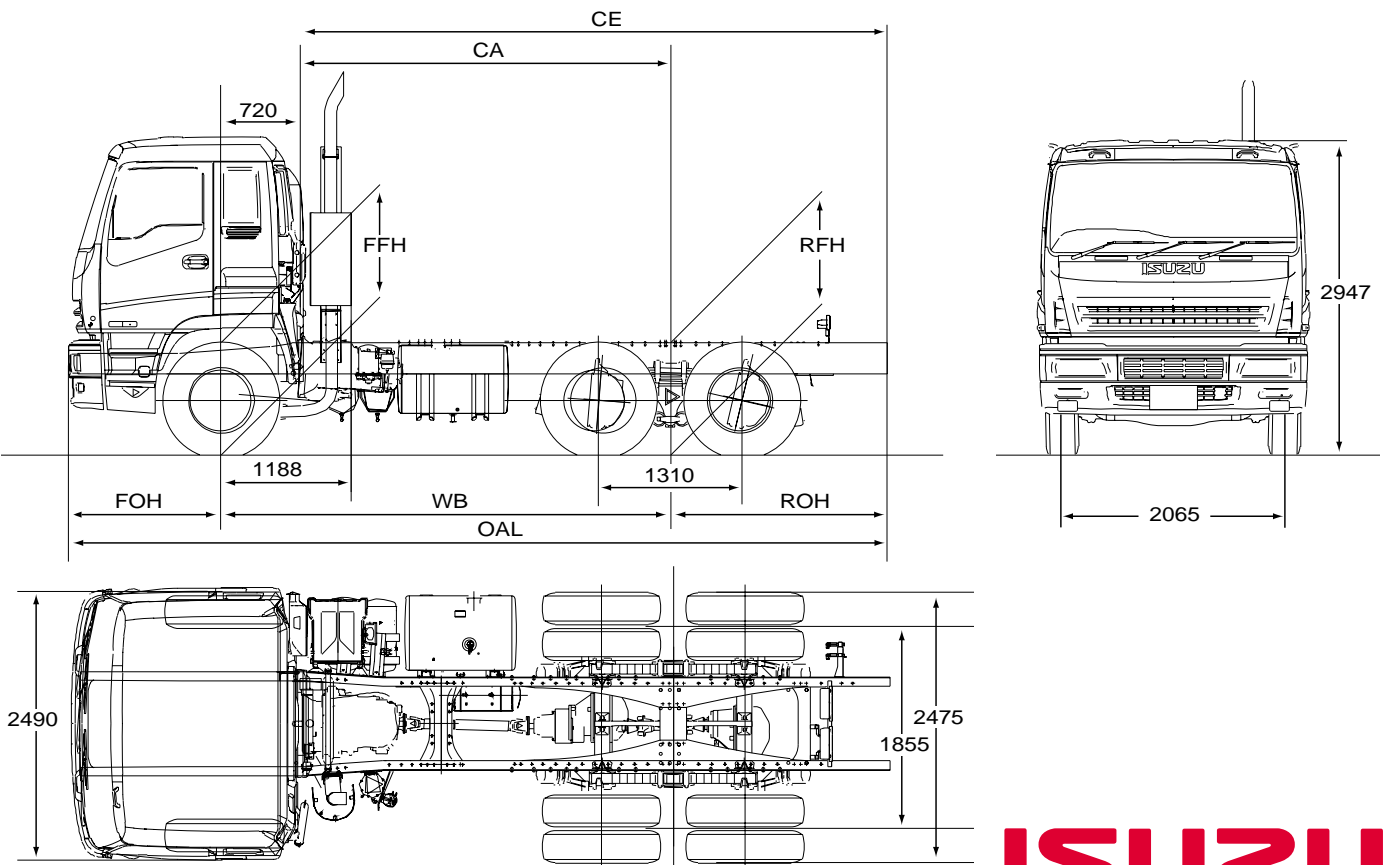
GVM RATING:	24,000 kg
GCM RATING:	50,000 kg
ENGINE TYPE:	Isuzu SiTEC 385
DISPLACEMENT:	14.3 litres
MAX. POWER:	287 kW @ 1,800 rpm
MAX TORQUE:	1,864 Nm @ 1,100 rpm
WHEELBASE:	4,105 mm

Cab/Chassis specification as at December 2001

MODEL RATINGS AND DIMENSIONS

MODELS	ENGINE	RATINGS(kg)		TARE MASS*(kg)			DIMENSIONS (mm)								TURNING CIRCLE
		GVM	GCM	TOTAL	FRONT	REAR	WB	OAL	FOH	ROH	CA	CE	FFH UNLADEN	RFH UNLADEN	KERB TO KERB
CXZ	SITEC 385	24,000	50,000	7,900	4,000	3,900	4,105	7,485	1,400	1,980	3,385	5,445	970	1,070	13.8m

#Estimated mass of cab/chassis with oil, water and fuel tank containing 20 litres of fuel and excluding spare rim (40kg) and tools (30kg). Option Masses: • 18-Speed Transmission adds approx. 2kg • Permanent Magnet Retarder add 60 kg.



For further information regarding Cab/Chassis dimensions your Isuzu Dealer can access detailed Body Builders diagrams from the Isuzu Truck Data Manual.

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ISUZU GIGA 385 CXZ

DRIVELINE SPECIFICATIONS

ENGINE: ISUZU SITEC 385

Isuzu 6WF1-TC 6 cylinder, 24 valve, in line, overhead camshaft, direct injection, 4-stroke, diesel.

Turbocharged and air-to-air intercooled

Mechanical injection system with electronic Timing and Injection rate Control System (TICS).

Electronic governor with integral speed limiter and cruise control with resume function.

BORE & STROKE: 147 x 140mm

DISPLACEMENT: 14.256 litres

COMPRESSION RATIO: 16.0:1

POWER: 287kW @ 1,800rpm (ISO 1585 NET)

TORQUE: 1,864Nm @ 1,100rpm (ISO 1585 NET)

EMISSIONS: Meets Euro-2 emissions standard

RADIATOR: 900mm core height

COOLANT CAPACITY: 50 litres

AIR INTAKE SYSTEM

- Donaldson dry element, 15" two stage air filter. Vertical air intake stack with slim profile side intake

EXHAUST SYSTEM

- Vertical muffler with bright perforated heat shield on Left side
- Air controlled, butterfly type exhaust brake (up to 300hp retardation at 2,000rpm)
- Exhaust brake idle cut-out switch

FUEL SYSTEM

- Mechanical fuel injection with Zexel Heavy Duty electronic Timing and Injection rate Control System (HD-TICS)
- In-line fuel filter and water sedimenter
- Fuel tank: 1 x 400 litre SAG aluminium rectangular (RHS)

LUBRICATION SYSTEM

- Pressure feed lubrication system
- Oil capacity 31.0 litres (including filters)

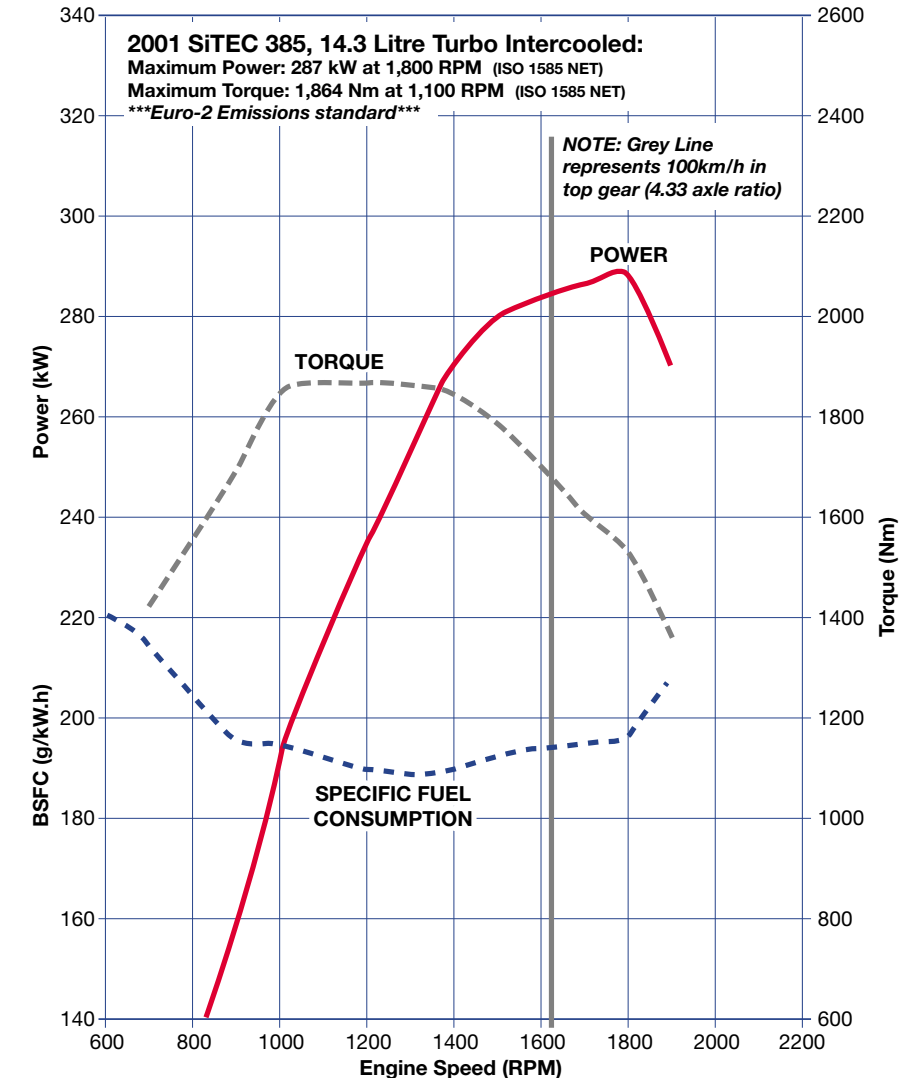
TRANSMISSION

EATON FULLER RTLO 14913A

- Overdrive, constant mesh transmission with integral oil pump and oil cooler
- 13 forward speeds, 3 reverse speeds.

Forward gear ratios: (:1)

Lo: 12.31	
1st: 8.64	2nd: 6.11
3rd: 4.43	4th: 3.23
5th L: 2.29	5th H: 1.95
6th L: 1.62	6th H: 1.38
7th L: 1.17	7th H: 1.00
8th L: 0.86	8th H: 0.73



ISUZU SITEC 385 (6WF1-TC) ENGINE PERFORMANCE CHART

Reverse Gear Ratios: (:1)

Hi Rev H: 2.99 Hi Rev L: 3.50
Lo Reverse: 13.22

- Theoretical geared speed 117 km/h at 1,900 rpm
- Electronically road speed limited to 100km/h (Approx 1,618 rpm in highest gear with standard 4.333:1 axle ratio)
- Isuzu propeller shafts

CLUTCH

EATON FULLER (SPICER) 15.5"

- Twin plate clutch (6 pads) with clutch brake
- Asbestos free lining material
- Pneumatic clutch release assistance

FRONT AXLE

ISUZU F063

- 6,300kg capacity
- 49° wheel cut angle

REAR AXLES

ISUZU RT210

- 21,000 kg capacity tandem axle set
- Driver controlled Inter-axle differential lock
- Banjo type, fully floating, single reduction
- Final drive ratio 4.333:1

ISUZU GIGA 385 CXZ

CHASSIS SPECIFICATIONS

CHASSIS FRAME

- Ladder type, parallel rail, tapered, C-section type
- 850mm width
- Section: 285 x 85 x 8mm
- Material: HT540 steel

BRAKES

ISUZU Full Air "S" Cam

- Full air, S-cam dual circuit brake system with front and rear leading and trailing shoes
- Asbestos free lining material
- Drum dimensions:
Front: 140 x 410 mm
Rear: 180 x 410 mm
- Air Compressor: 519 litres/min at 700kPa (18.3cfm at 100psi) at 2,000 engine rpm
- Spring parking brake acting on all rear wheels
- Trailer brake system with ball valves and "glad hand" connectors at rear of chassis
- Aluminium air tanks, total capacity 116.1 Litres
- Air dryer (heavy duty desiccant type)

STEERING

- Integrated power assisted recirculating ball and nut type
- 480mm diameter steering wheel
- steering ratio: 22.4:1

SUSPENSION

FRONT

- Long span alloy steel tapered leaf springs
- Length 1,800mm x width 80mm x four leaves
- Stabiliser bar and shock absorbers

REAR

- Isuzu 6-Rod and trunnion axle location system
- Inverted, semi-elliptical alloy steel multi-leaf springs, capacity 21,000 kg

WHEELS AND TYRES

WHEELS:

8.25 x 22.5 - 10 stud ISO standard steel disc rims. Offset: 165mm

TYRES:

- Steer: 11R22.5 148L Michelin XZE2 (Load Rating 3,150kg per tyre)
- Drive: 11R22.5 148L Michelin XDE2 (Load rating 2,900kg per tyre in dual configuration)

Number of wheels and tyres: 11 wheels and 10 tyres, including a spare wheel (no spare tyre supplied).

ELECTRICAL SYSTEM

- 24V electrical system
- Batteries: 145G51, 12V-150 AH (N150) type x 2
- Alternator: 24V-60A (1.5kW)
- Starter motor: 24V, 7.4kW

GENERAL OPTIONS

- High Torque Permanent Magnet type Retarder. NT65 Heavy Duty type, mounted ahead of rear axles, provides up to 640Nm of retardation torque on the driveline. Reduces service brake wear, driver fatigue and tyre wear.
- Eaton Fuller RTLO16918B 18 speed overdrive transmission.
- **DEALER-FITTED ACCESSORIES INCLUDE:**
- 10-Disc CD stacker (standard on Custom Cab)
- Voltage reducer (24V-12V) for 12V trailer electrics
- Roof Mounted Air Deflector. Designed by Isuzu for use with tall body designs, reducing fuel consumption.

CABIN SPECIFICATIONS AND APPOINTMENTS

CAB EXTERIOR

- All steel cab with welded ribs and side door impact beams
- Standard colour: Arc White
- Hydraulic/electric cabin tilt to 48°
- Coil spring suspended cab with four mounts, shock absorbers and torque tube
- Large bumper bar / air dam with enclosed step holes and footplate
- Halogen headlights in bumper with hinges for easy cleaning
- 'Hella' fog lights integrated into air dam
- Three arm windscreen wipers with triple washer jets mounted on washer arms
- Main external rear view mirrors with integrated convex 'spotter' mirror on both sides
- Electric remote adjustment and heating elements in all four external mirrors
- Integrated front corner vanes for improved airflow

- Fully enclosed alloy, non-slip cab entry steps
- Lift-up front panel for easy access to service items

CAB INTERIOR

- Fully trimmed cab interior with cloth seat facings, formed roof lining and overhead storage lockers
- 24V & 12V cigarette lighter /electrical accessory socket.
- Isringhausen 6500 / 517 driver's air suspended seat with pneumatic lumbar support, automatic weight adjustment to 130 kg. Height, rake and backrest recline adjustment.
- Outboard non-suspended reclining co-driver's seat with matching Isringhausen trim
- Folding centre seat with lap type seatbelt, storage console on seat back
- Easy entry grab handles on 'A' and 'B' pillars
- Fluorescent overhead interior lamp
- Integrated air conditioning is standard

- Electric windows
- Central locking with remote keyless entry
- Eurovox audio system with radio, cassette player, 4 speakers, 18-station memory and CD controller
- Hard wearing vinyl floor covering
- ADR compliant sleeper mattress: approx. 2,200 x 600 x 100mm thick
- Centre curtain for privacy when sleeping
- Twin cup holders in centre console
- Secure storage trunk with external access on LHS
- Sun visors on both sides

ISUZU GIGA 385 CXZ

ISUZU GIGA 385 NEW TRUCK WARRANTIES

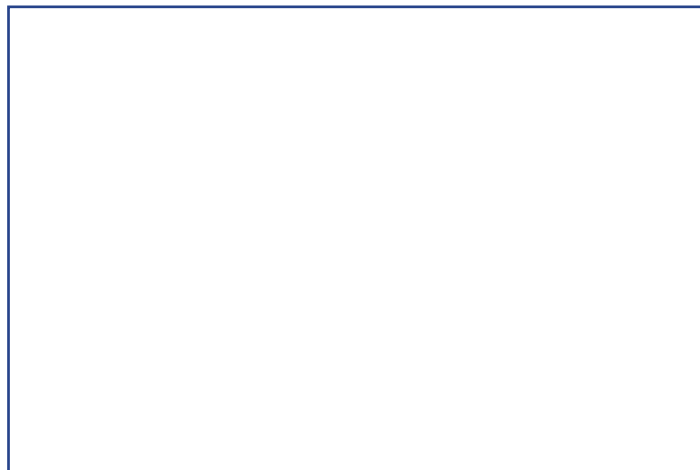
STANDARD TRUCKPOWER WARRANTY		
NEW VEHICLE	3 years	500,000km
ENGINE COMPONENTS*	5 years	750,000km
CAB CORROSION	3 years	unlimited

Giga 385 Warranty. Subject to the conditions of the I-GM New Vehicle Warranty, every Isuzu Giga Series Truck carries a warranty which covers your complete vehicle for the first 36 months or 500,000 kilometres (whichever comes first). Normal exclusions apply: e.g. tyres and batteries (refer to your Isuzu Dealer for details).

A 60 month or 750,000 kilometres (whichever comes first) major engine components warranty runs concurrently with the New Vehicle Warranty for Giga Series models. A 36 month unlimited kilometres cab perforation corrosion warranty runs on all models.

*Engine components are as follows: Cylinder block, cylinder head and crankshaft.

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