

# ISUZU

Specification for CYZ51K Mixer Chassis



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# SPECIFICATIONS

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CYZ51K(6X4) for MIXER  
3 Seater Single Cab (Cab & Chassis)  
Left Hand Drive

- This specifications are based on ISUZU standard model.
- Specifications subject to change without prior notice.

1.	Model Name	CYZ51K(6x4)	
2.	Dimensions	Wheel base	4,535mm(45w)
		Minimum Grand Clearance(approx.)	240mm
		Overall length(approx.)	7,260mm
		Overall width(approx.)	2,490mm(cab)
		Overall Height(approx.)	2,970mm
3.	Vehicle mass	Gross vehicle weight (approx.)	29,000kg
		Chassis cab mass (approx.)	8,190kg
4.	Engine	6WF1-TC (E3) : Diesel 6 Cylinders (14,256cc (84L) with Intercooler Turbo charger for EURO-3(common rail) 360PS(265kW)/1,800rpm(ISO Net) 145kg-m(1,422Nm)/1,100rpm(ISO Net) Governor type; electrical	
5.	Transmission	6-speed over drive (MAL6U) with oil cooler (Y2R)	
		1st	: 6.000
		2nd	: 4.007
		3rd	: 2.342
		4th	: 1.468
		5th	: 1.000
		6th	: 0.689
		Rev	: 6.359
6.	Final gear ratio	6.143(43/7) @445mm(17.5"HT) hypoid tandem gear(W3Y)	
7.	Frame		
	Type	Double channel with rainforced ladder type channel section	
	Material	High tensile steel	
	Anti corrosion	Anti corrosion coat(B4E)	
8.	Front suspension		
	Spring type	Semi elliptical alloy steel leaf spring chackle type	
	Shock absorber	Shock absorber hydraulic double acting telescopic type	
	Front axle	Capacity:7,500kg	
9.	Rear suspension		
	Spring	Trunnion suspension type, semi-elliptical alloy steel leaf spring 9 leaves	
	Rear axle	Capacity:25,000kg	

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10. Brake
- Service Full air, dual circuit, Taper Roll Type, leading trailing on front and rear wheels, with ABS(Anti-Lock Brake System) and ABA(Auto Brake Adjuster) Z06)
  - Parking Spring actuator at rear wheels, control valve on the floor
  - Auxiliary Exhaust brake electro-pneumatic control with butterfly valve exhaust pipe
  - Air charge Air compressor with air dryer
11. Clutch
- Type Hydraulic control with air assisted, dry single reinforced compound plate with cushioning spring, outside diameter 430mm(17") (Push Type)
12. Steering
- Type Recirculating ball nut type with integral power assist system
13. Tire
- Size Front : 295/80r22.5 RIBLUG
  - Rear : 295/80R22.5 RIBLUG(5D9)
  - Disc : 22.5x8.25 13t ISO 10 STUD (QM8)
  - Wheel cover : Ft. wheel cover (CZ3)
  - Tire inflator : Tire inflator
14. Electrical
- Battery Two units in series each 12 volt, 145G5(N150)(SJ8)
  - Alternator 24V-60A (NFT)
  - Starter 24V-7kW
  - Starter switch On the steering column
15. Fuel Tank
- 200L with water separator/Aluminum type(THF)
  - Fuel sedimentor large type with heater(6HU)
  - Cap fuel tank with key
16. P.T.O.
- Flywheel P.T.O.(SV1)
  - Location: Upper of flywheel housing
  - Max. Output torque: 45kg-m/1,400rpm
  - Reduction ratio: 1.000
17. Cab
- Cab tilt Electrical driven hydraulic cab tilt
  - Suspension Mechanical cab suspension

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18.	Equipment	Air conditioned:Manual air conditioner without air conditioner for bed space
	Air cleaner	:Air cleaner - dry donaldson 13” double element (Q2y)
	Tachograph	:Tachograph 120km/h (7-days)(SM8)
	Seat	:Driver’s & co-driver’s seats plus center seat(3-seat)(SA1) :Seat material - moquete (SFQ) :Driver seat - rigid with arm rest(SGC)
	Sunvisor	:Driver’s seat
	Roof grip	:Two roof grip
	Assist grip	:A post and above the door opening(NBK)
	Door lock	:lock side door, manual(wo/power window)(NCK)
	Mirror	:Door mirror - EC mirror, a post mounted :Outside under & side under view(TAF)
	Lamp	:Room lamp: Incandescent (NGH) :Roof marker lamp : five(U01) :Side marker lamp(CZ3) :Rear fog lamp (NHD)
	Audio	:AM/FM radio and CD player (UT3) :Speaker system - front 2 speakers (24V), include radio antenna (UX6)
	Others	:Spare tire & wheel(WH2) :Rear underrun protector(CZ3), Ft. bumper with side reflector (CZ3) :Cup holder, floor mat (vinyl), cigarrrete lighter, ashtray
19.	Performance	
	Maximum speed	88km/h