

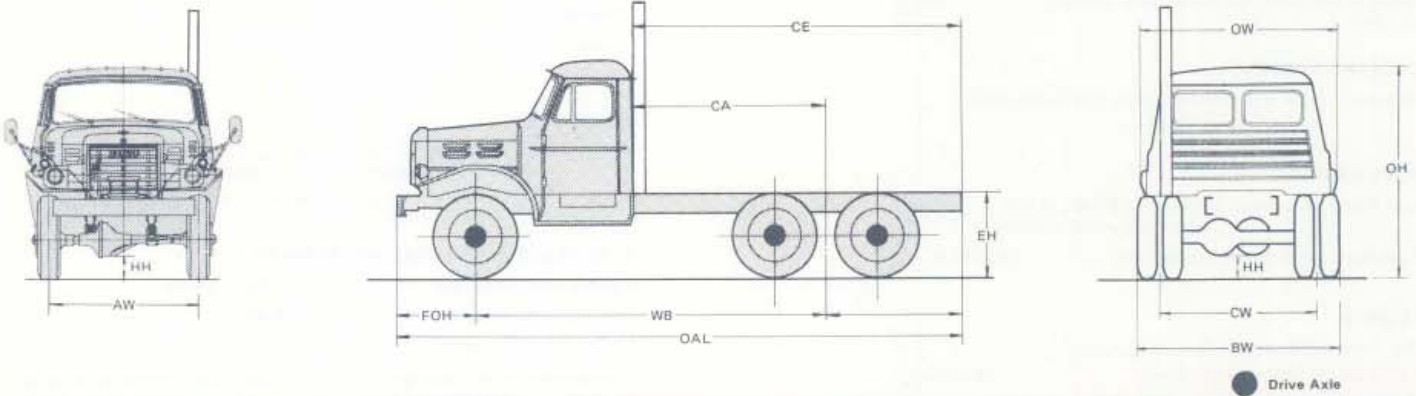


ISUZU TWD 25

**HEAVY DUTY DIESEL TRUCK
CHASSIS-CAB
ALL WHEEL DRIVE**

MODEL 6×6

TWD25 : GVW 14,000 kg ENGINE 6BD1



DIMENSIONS

Unit: mm (in)

Code Model	Chassis cab weight kg(lb)	OAL	WB	FOH	ROH	CE*	CA*	OW	AW	BW	CW	OH Approx.	HH Approx.	EH Approx.
TWD25	4,670 (10,295)	6,465 (254.4)	4,000 (157.4)	910 (35.8)	1,555 (61.2)	3,770 (148.4)	2,215 (87.2)	2,200 (86.6)	1,680 (66.1)	2,295 (90.3)	1,740 (68.5)	2,430 (95.6)	230 (9.0)	980 (38.5)

*CE & CA dimensions are effectively reduced by 125mm with fitment of vertical exhaust.

SPECIFICATIONS

Item	Model	TWD25
MAX. GROSS VEHICLE WEIGHT (Permissible)	(off road) kg/lb	14,000/30,900
MAX. GROSS COMB WEIGHT (Permissible)	(on road) kg/lb	17,500/38,590
WEIGHTS (Chassis-cab, Basic model)		
FRONT	kg/lb	2,215/ 4,885
REAR	kg/lb	2,455/ 5,410
TOTAL	kg/lb	4,670/10,295
PERFORMANCE (Designed)		
MAX. SPEED (on the flat)	km/h/mph	82/51
MAX. GRADEABILITY WITH MAX. GVW	(tan θ)	0.755
FINAL GEAR RATIO (to 1)		6.833

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SPECIFICATIONS

ENGINE

Model	6BD 1
Type	Four cycle, water cooled, overhead valve, in line direction injection
No. of Cylinders	6
Bore and stroke (mm/in)	102 x 118/4.02 x 4.65
Displacement (litre/cu.in)	5.785/353
Max. horsepower - KW/rpm	110/3,200
Max. torque NM at rpm	380 at 2,000
Compression ratio (to 1)	17.5

AIR CLEANER; Donaldson cyclopac [TWD25]

ENGINE LUBRICATION SYSTEM

Pressure feed with full flow paper element. 6BD1 oil filter

COOLING SYSTEM

Radiator; Tube and corrugated fin, pressured type Heavy duty radiator

FUEL SYSTEM

Fuel injection pump; Reformed Bosch in line . . . 6BD1 with mechanical governor

Fuel tank capacity (Litre/imp gal). 180/40.0

CLUTCH

Dry single plate with cushioning springs

Size; outside diameter (mm/in) 350/14.0

Clutch control system; Hydraulic

TRANSMISSION

Isuzu 5-speed, direct, synchromesh on 2nd, 3rd, 4th and 5th floor mounted, direct control.

Transmission gear ratio (to 1)

T/M TYPE	1ST	2ND	3RD	4TH	5TH	REV.	Note
MBD5C	6.890	3.918	2.419	1.569	1.000	6.304	Std

TRANSFER CASE

Type; 2-speed

Gear ratio (to 1) 1.000/2.428

WHEELS AND TYRES

Wheels and rims . . . 7.00T x 20 rims, 8 holes disc wheels

Tyres 9.00-20-14PR LUG

AXLE, FRONT

Split, fully floating, single reduction spiral bevel gear

Capacity (kg/lb) . . . 3,500/7,716

Tread (mm/in) . . . 1,680/66.1

Gear ratio (to 1) . . . 6.833 (6/41) [TWD25]

AXLE, REAR

Banjo fully floating, single reduction spiral bevel gear

Capacity (kg/lb) 13,000/28,600

Tread (mm/in). 1,740/68.5

Final gear ratio (to 1). . . 6.833 (6/41) [TWD25]

BRAKES, SERVICE

Air hydraulic twin circuit, 2 leading and dual 2 leading, front/rear

Exhaust brake

BRAKE, PARKING

Mechanical internal expanding at rear of transfer case

STEERING

Recirculating ball

Min. Turning circle (m/ft) 18/59.1

FRAME

Ladder type double channel section

SUSPENSION

Front; Semi-elliptic alloy steel leaf springs, lever type single acting shock absorber at front - heavy duty.

Rear; Trunnion shaft type suspension with semi-elliptic alloy steel leaf springs - heavy duty.

ELECTRIC SYSTEM AND INSTRUMENT

Battery (volt/amp. hr) 12/65, 2 pieces

Alternator (volt/watt) 24/400

Starter (volt/kilowatt) 24/3.7

Speedometer with odometer. Meter for fuel, water temperature and oil pressure. Warning lamp for charging, vacuum and clogged oil filter. Indicator lamp for turn signal, main beam and starter heater control (control resistance).

CAB AND GENERAL EQUIPMENT

All steel cab with wide windshield. Adjustable driver seat. Glove compartment. Ash tray. Outside and inside rear view mirrors. Hazard warning flasher. Dual electric horns. Two speed windshield wiper. Windshield washer. Floor mat. Hydraulic jack and tool. West coast type mirrors.

From June; Laminated windshield glass. Seat Belt. Power take off. No control lever. Factory option - PTO front mounted winch. Spare tyre/carrier. General hand tool. Heater and defroster. Auto drain cock. Tachometer/hour recorder. Rear end of frame eye bolt. Towhook for front and rear.

NOTE: Engine Performance (DIN)

	6BD1	
Max. output kW/rpm	110	/3,200
Max. torque N-m/rpm	380	/2,000

GMH 12/20 WARRANTY:

Every Isuzu is protected by the GMH Warranty which covers your vehicle for the first 12 months or 20,000 kilometres.

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Vehicle should not be driven in all wheel drive on hard surface or bitumen roads.