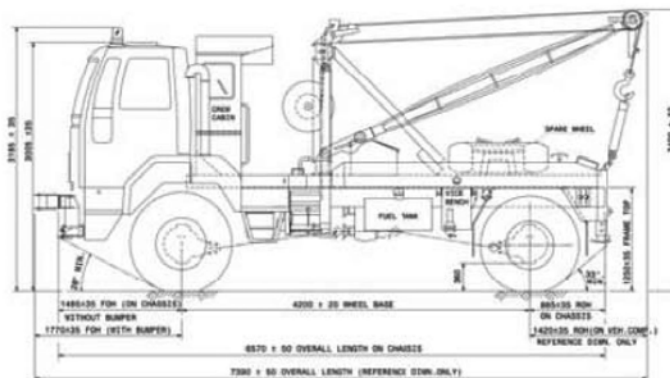


LIGHT RECOVERY VEHICLE 4X4 (LRV)



Technical Specifications

ENGINE

Model	: WO6DTI
Type	: Water-cooled, Turbo-charged & Inter-cooled diesel
Max output	: 122 kW @ 2400 rpm (Gross)
Max torque	: 56 KgM @1600 rpm (Gross)

CLUTCH

Type	: Single plate dry, hydraulically operated (Dia 353 mm)
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GEARBOX

Type	: 6 speed synchromesh (6F + 1R)
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AUXILLIARY GEAR BOX

Type	: 2 speed
Drive	: Disengagable front drive

PROPELLER SHAFTS

Type	: 1600 series (3 Nos)
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REAR AXLE

Drive	: Fully floating, single speed, hypoid drive with cross axle lock
Capacity	: 10200 kgs
Ratio	: 5.833:1

FRONT AXLE

Drive	: Fully floating, single speed, Hypoid drive
Capacity	: 7500 kgs
Ratio	: 5.833:1

FRAME

Type	: All-steel, ladder type, bolted
Cross Section	: 229mm x 76mm x 6mm
Cross Members	: 7 nos.

SPRINGS

Type	: Semi elliptical, laminated multi-leaf shock absorbers
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STEERING

Type	: Integral power steering
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WHEELS & TYRES

Type	: Singles all around 14.00 x 20
Optional	: 14.00 R 20 Michelin

BRAKES

Type	: Air press - diaphragm operated, dual line
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MAJOR DIMENSIONS (MM)

Wheelbase	: 4200
Front overhang	: 1770
Rear overhang	: 1420
Overall length	: 7390
Frame height (Unladen)	: 1250
Ground clearance	: 360

WEIGHTS (Kgs)

	FAW	RAW	TOTAL
Unladen	6330	4830	11160
Laden (4.5T Payload)	4955	10585	15540
Laden (7T Payload)**	3860	14180	18040

PERFORMANCE DATA

Power to weight ratio	: 7.9 kW/T
Maximum speed	: 80 Kmph
Maximum gradeability	: >60%, 31°
Turning circle diameter	: 17.5M
Fording depth	: 760mm
Mud tracking depth	: 330mm

WRECKER EQUIPMENT DETAILS

Winching capacity	: 7.5 T/Winch
No. of winches	: 2
Combined winching capacity	: 15 T
Boom reach	: 3500mm (sidewards), 450mm (rear)

** With limited speed of 15kmph on plain roads, payload is at winch rope end



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