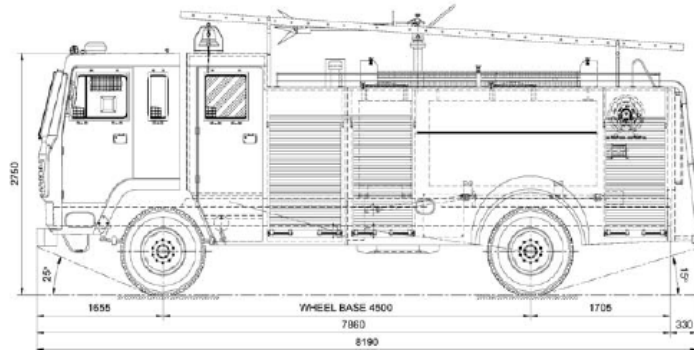


TRUCK FIRE FIGHTING 4X2 (TFF)



Technical Specifications

ENGINE

Model	: WO6DTI
Type	: Water-cooled, Turbo-chaged & 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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PROPELLER SHAFTS

Type	: 1600 series (2 Nos)
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FRONT AXLE

Type	: Reverse Elliot - Forged I beam
Capacity	: 6000 kgs

REAR AXLE

Drive	: Fully floating single speed hypoid drive
Capacity	: 10000 kgs
Ratio	: 5.833:1

FRAME

Type	: All-steel, ladder type, bolted
Cross section	: 229 mm x 76 mm x 6 mm
Cross members	: 7 nos

SPRINGS

Front & Rear	: Semi elliptical, laminated multi-leaf shock absorbers
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STEERING

Type	: Integral power steering
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WHEELS & TYRES

Type	: Singles at front, duals at rear 10.00 x 20 - 16 PR
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BRAKES

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

Wheelbase	: 4500
Front Overhang	: 1640
Rear Overhang	: 2035
Overall Length	: 8175
Frame height (unladen)	: 960
Ground Clearance	: 285

WEIGHTS (Kgs)

	FAW	RAW	TOTAL
Bare chassis	: 3790	1900	5690
Chassis with Equipment	: 4825	8975	13800

PERFORMANCE DATA

Power to weight ratio	: 8.52 kW/T
Maximum speed	: 78 Km/h
Maximum gradeability	: 14°
Turning circle diameter	: 18.5 M

SUPER STRUCTURE DETAILS

Water tank capacity	: 3200 Lts
Foam tank capacity	: 425 Lts
Fire pump capacity	: 2250 LPM@ 7 Bar
Throw	: Horizontal throw of 30m in still air
Supplementary extinguishing agents	: DCP - 75kg
CO ₂ cylinder	: 2 Nos. (22.5 kg each)
Firefighting accessories	



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