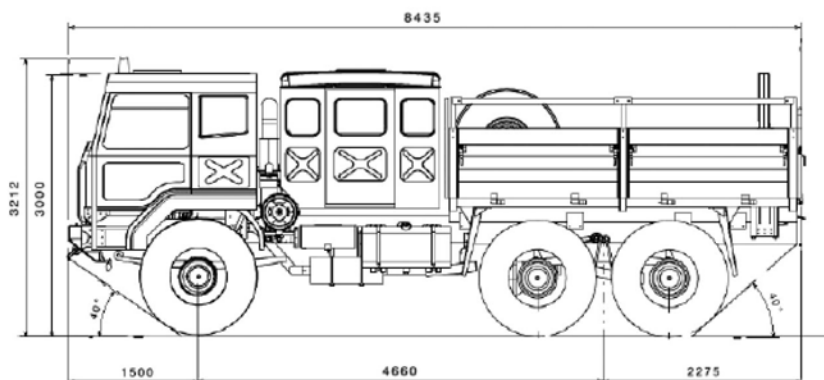


FIELD ARTILLERY TRACTOR 6X6



Technical Specifications

ENGINE

Model	: CUMMINS ISM 420 - 30
Max output	: 306 kW @ 1900 rpm
Max torque	: 2010 Nm @ 1200 rpm

GEARBOX

Model	: Allison HD 4070
Type	: Automatic with torque convertor
No. of speeds	: 7 Fwd and 1 Rev

AUXILIARY GEAR BOX

Type	: 1 speed
Ratio	: 1.00:1
Drive	: Constant all wheel drive

PROPELLER SHAFTS

Type	: 2055	1710 HD	1710
Qty	: 2	1	1

FRONT AXLE

Type	: Hub reduction axle with CTIS capability
Ratio	: 7.385
Capacity	: 9000 kg

REAR AXLE

Drive	: Drive through hub reduction axle with CTIS capability, Lockable interaxle differential
Ratio	: 7.385
Capacity	: 20300 Kgs

FRAME

Type	: All-steel, ladder type bolted
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SPRINGS

Front & Rear	: Parabolic
Rear	: Bogle suspension, double acting telescopic shock absorber

STEERING

Type	: Integral power steering
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WHEELS & TYRES

Type	: Singles all around
	: 16.00 R 20 Michelin XZL
	: 14.00 R 20 optional

BRAKES

Type	: Dual line, direct air pressure on all wheels
Parking brake	: On axle assy

DRIVER'S CABIN

Tiltable driver's cabin with observation hatch, provision for AC

CREW CABIN

Chassis mounted crew cab

WEIGHTS (KGS)

	FAW	RAW	TOTAL
Unladen	: 7000	7500	14500
GVW	:		24500

MAJOR DIMENSIONS (MM)

Wheelbase	: 4660
Front overhang	: 1500
Rear overhang	: 2275
Overall length	: 8435
Ground clearance	: 400

PERFORMANCE DATA

Maximum speed	: 90 Kmph
Maximum gradeability	: 30 deg
Mud tracking	: 330 mm
Water wading	: 800 mm

SUPER STRUCTURE DETAILS

- Hoist hydraulically operated : 2.7 ton m mounted at the rear of the vehicle
- Winch hydraulically operated : 10 ton 1st layer with provision for self recovery either front or rear
- Water tank : 100 litre
- External starting provision with cable



ASHOK LEYLAND

No 1 Sardar Patel Road, Guindy, Chennai - 600 032, India Ph: (91) 44-22206000 Fax: (91) 44-22206001 www.ashokleyland.com



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