



The All-Wheel Drive Tata LPTA 715 4x4 General Service Vehicle



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Exclusive features

Role: General Service Truck of 14 troops of defense personnel

Features: **Mobility** - High mobility due to high power to weight ratio of 20 HP/ton, high gradeability: 31.5°, tight TCD 14.3 m, max. speed 100 kmph, ground clearance 310 mm.

Survivability - Operating temperature (-) 20° C to (+) 50° C

Utility - Troop carrier, water bowser, ambulance, light armoured troop carrier, command post, reconnaissance vehicle.

Variants of LPTA 715



Light Armoured Troop Carrier



Water Bowser



4-Stretcher Ambulance

TECHNICAL SPECIFICATIONS: TATA LPTA 715 4x4

ENGINE			
Model Type	Cummins B 5.9.155.30 water cooled direct injection Turbo-charged, intercooled diesel engine	No. of Wheels	country pattern. Front - 2 Rear - 2 Spare - 1
Max. Engine Output	115.5 Kw (155 HP) at 2500 rpm	FUEL TANK	
Max. Torque	590 Nm (60 MKg) at 1500 rpm	Capacity	200 litres
CLUTCH		CAB	All steel tilt type AC cab with winch and roof hatch foldable co-driver's seat, middle seat and brackets for one rifle and one sten gun
Type	Single plate dry friction type	ELECTRICAL SYSTEMS	
GEAR BOX		System Voltage	24 Volts
Type	Manual (optional : Automatic) Synchronesh on all forward gears and Constant Mesh on Reverse gears	Alternator Capacity	75 Amps.
No. of Gears	6 Forward 1 Reverse	Battery	2X12 Volts, 180 Ah capacity (Maintenance free)
AUXILIARY GEAR BOX		PERFORMANCE	
Type	Constant Mesh Helical Gear	Max. Geared Speed in Top Gear	100 kmph
REAR AXLE	TATA Rear Axle - Banjo Type	Max. Climbing Ability in 1st Gear	31.5°
FRONT AXLE	TATA Front Axle - Salisbury type	Minimum Turning Circle Dia	14.3M
STEERING	Power steering	MAIN CHASSIS DIMENSIONS AS PER IS 9435 (mm)	
BRAKES		Wheel Base	3225
Service Brakes	Dual circuit full Air S-CAM	Track Front	1810
Parking Brake	Spring actuated parking brake acting on rear and front wheels	Track Rear	1824
Engine Exhaust Brake	Pneumatically operated, interlinked with service brake.	Overall Length	5616 (without load body) 5746 (with troop carrier & without winch)
SUSPENSION		Max. Width	2145 (without load body) 2160 (with troop carrier)
Type	Semi-elliptical leaf spring at front and rear	Front Overhang	1431
WHEELS AND TYRES		WEIGHTS (kg)	
Tyres	12.00 x 20-18 PR cross	Complete Chassis Kerb Weight with Cab and Loadbody (With spare wheels and tools)	5250
		Max. Permissible FAW	3750
		Max. Permissible RAW	4000
		Max. Permissible GVW	7750
		Payload	on - road 2500 (Permissible payload) off - road 1500