

BEML-Tatra T815 VVNC 6x6 FIELD ARTILLERY TRACTOR

BEML-Tatra T815 VVNC 6x6 field artillery tractor is used for gun towing role in Indian Army. The vehicle is used for towing 130 mm & 155 mm medium guns with their accessories and ammunitions upto 12000 kg weight in terrains. The vehicle has in addition, have regular tiltable cabin, and additional cabin to carry 10 gun crews with their small arms and personnel baggages. A 20.5 K Nm electro hydraulic crane is fitted on the platform for handling of ammunition and a hydraulically operated spare wheel handling arrangement. The equipment is provided with a winch for self recovery and loading of dead tanks on to the trailer. Also the vehicle is provided with centralized tyre inflation / deflation system inside the cabin which enables inflation / deflation of tyres depending on terrain conditions.



Specifications

Engine	T3-930-321, 12-cylinder, V-type, Air-cooled Multi-fuel and with direct fuel injection
Horsepower	235 kW (315 HP) @ 2200 rpm
Transmission	Synchromesh type, 10 Forward, 2 Reverse, gear shifting by manual, mechanical with pneumatic booster
Axles	Swing half axles separately sprung
Suspension	Leaf springs type on rear axles and torsion bars with shock absorbers on front axle
Tyres	Tubed type, size – 15.00 x 21 – 6 Nos.
Speed	80 kmph max.
Crane	HIAB 22T-3 Electro-Hydraulic, 20.5 K Nm Capacity and 4.2 mtrs. reach