

## **PRITHVI MISSILE LAUNCHER**

Prithvi Missile is a transporter cum launcher vehicle. The missile is transported on launcher in horizontal mode and articulated to vertical mode using hydraulic control system. Electronic controller provides the desired safety inter locks during articulation. The launching of the missile is done over a launch table adjusting the missile vertically to the desired level using the leveling system. The theodolite provided on the changing system provided on the launcher helps to check the azimuth alignment. The warhead changing system provided on the launcher is used for changing the warhead in-situ. Provision has also been made to mount the launch pad computer. A 2kw DC Gen set will be provided on the launcher, which will give the power required for pre-launch check of the missile and launcher electronic controllers.



### **Specifications**

Engine	T3-930-54, 12-cylinder, V-type, Air-cooled, Multi-fuel turbocharged with direct fuel injection
Horsepower	265 kW (355 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 and telescopic shock absorbers on front axles and leaf springs on rear axles
Tyres	Tubed type, size – 15.00 x 21 – 8 Nos.
Speed	80 kmph max.