

TDI 7000

TOWABLE DE-ICING



CHASSIS: The steel constructed chassis is enough durable to withstand the torsion of the access platform. The chassis is towable via front axle which has a fifth wheel for ease of steering. Parking brake is activated from the tow-bar.

VAN BODY: The frame of the van body is constructed from steel box hollow profiles and covered with hot-dip galvanized steel sheet. The equipments inside the van body are ease accessible via locked doors. A walkway with hand railings is designed for ease accessible for the access platform. A ladder is mounted at back side of the van body to access to the walkway. The floor of the walkway is covered with checkered aluminum plates.

ACCESS PLATFORM: There is an access platform on the top of the van body to be used in de/anti-icing operations. This platform is hydraulically powered and controlled by an electrical system. The cage of the platform is equipped with nozzles for de/anti-icing and working projector for night operations.

HYDRAULIC SYSTEM: The access platform and de/anti-icing system is powered by hydraulic system. The tandem hydraulic pump, driven by diesel engine, provides enough oil pressure and flow to the system.

Hydraulic oil is controlled by valve block which is energized by electrically. Safety relief valves are used to protect the system.

ELECTRICAL SYSTEM: 12 V DC electrical system is used to control all systems. There are two electrical control panels; main panel, mounted on the van body and control panel on the cage of the platform. The power supply of the electrical system is the battery, charged by diesel engine.

DE/ANTI-ICING SYSTEM: The de/anti-icing system is powered by two special pumps separately driven by hydraulic system. There are five selectable mixture levels for all kinds of applications. De/anti-icing fluids are stored in stainless steel tanks and heated by a diesel blower to increase the effect of the applications.

OPTIONS Different capacities of tank and pumps, different brand of diesel engine and generator, Different working height of access platform, remote communication system.



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