



INSULATED VACCINE VAN

2WD – DIESEL

Reliable & Compliant Insulated Transport for Immunization Programs



Quality, Management, Environment, Health & Safety Standards



CDSCO Certified



USFDA Listed



European CE



ISO 13485:
NABCB/IAF



ISO 9001: IAF



7 Electric Safety
Certifications

ENSURING UNINTERRUPTED VACCINE DISTRIBUTION WITH PRECISION & EFFICIENCY

The Insulated Vaccine Delivery Van is designed to meet the stringent requirements of global immunization programs, ensuring safe and efficient transport of vaccines, medical supplies, and ice packs to CHC, PHC, and UHC centers. This vehicle is built to protect cold boxes and their contents from extreme temperature variations, ensuring a longer hold-over period and maintaining the integrity of vaccines during transit.



Heavy-duty construction for long-lasting performance



Also available for Procurement through GeM Portal



Multiple access doors & safety features



Ergonomic driver's cabin for comfort during transport



Advanced insulation to maintain cold chain integrity

QUALITY ASSURANCE

Vehicle fulfills all the requirements of CMVR-RTO & ARAI norms

|USFDA Listed | CDSCO Certified | **WHO-GMP & CE**. ISO 13485:2016 (NABCB- IAF)
ISO:45001:2018 (IAF) | ISO 14001:2015 (IAF) | ISO 9001:2015 (IAF) | IEC 60529-2004
ISO 13849-1:2015 | BIFMA INTERNATIONAL |

ROBUST BODY & DURABLE CONSTRUCTION

Engineered for reliability & long-lasting performance



Heavy-duty under-frame structure with reinforced pillars & roof sticks



Aluminum chequered plate flooring for durability & safety



Stainless Steel (SS) bottom sheet for corrosion resistance



100mm PU foam insulation between panels for enhanced thermal efficiency

SUPERIOR STRUCTURAL INTEGRITY



Super-strong structure formed from 16 GMS pressed CR/HR Hot Sections



Side pillars & roof sticks designed with anti-drumming rails & roof longitudes



Gusset & cleat reinforcements to improve vehicle stability & strength



Built for extreme conditions & heavy-duty operations

HIGH-PERFORMANCE FLOORING & PANELING



16G Aluminum sheet / chequered plate flooring for added durability



Exterior Paneling: 16G aluminum sheet for weather resistance



Interior Paneling: 18G aluminum sheet for a hygienic & smooth finish



Foamed-in-Place polyurethane insulation for maximum thermal efficiency



Precision roll-formed metal surfaces enhance panel rigidity



Sealed with profile gaskets for airtight protection








Ensures structural strength, energy efficiency & vaccine safety






ADVANCED THERMAL INSULATION

100mm PU foam insulation on all four sides & the floor		Roof insulation: 140mm PU foam / sandwich panels of extruded polystyrene	
Thermal conductivity: ≤ 0.081 Kcal	U-value: 0.020 W.M.K	Density: ≥ 30 kg/CBM	Maintains a stable, low-temperature environment for vaccines

MULTIPLE ACCESS POINTS

	Double-leaf rear-opening doors for quick loading & unloading
	Two side doors in driver's cabin for ease of access
	Rear compartment fully partitioned from driver's cabin for temperature control
	Spare wheel mounted on the rear side for convenience
	Designed for easy accessibility & efficient logistics

PRECISION TEMPERATURE CONTROL

	Inside temperature remains lower than ambient conditions
	Fully insulated cargo box to ensure vaccine safety
	Tapered/sloped roof prevents rainwater accumulation
	White-painted exterior reduces heat absorption
	Guaranteed cold-chain integrity in all weather conditions

DRIVER COMFORT & ERGONOMICS

		
Seating capacity: Driver + 1 passenger (1+1 seating)	Air Conditioner in driver's cabin for comfort in extreme weather	Comfort & efficiency for long-haul vaccine deliveries

TOOL KIT & ACCESSORIES (OPTIONAL)

Standard Tool Kit: Lifting Jack, Wheel Spanner, Screwdrivers, User Service Manual.

Accessories Included:

Mud Guards (04) | Steering Wheel Cover (01) | Foot Mats | Seat Covers | Rear Wheel Flap
 Fire Extinguisher (ABC Type)

SAFE & ACCESSIBLE CARGO COMPARTMENT



Aerodynamic front shape enhances fuel efficiency



Smooth-edged corners to prevent injuries & damages



Rear footsteps & handgrips for easy cargo access



Leak-proof cargo body to protect against contamination



Enhanced safety & accessibility features for seamless operation

IEC (INFORMATION, EDUCATION & COMMUNICATION) BRANDING

IEC Information on Immunization & Child Health will be painted on all three external walls

Customizable branding options available as per supply order

Spreading awareness while ensuring vaccine protection

INDUSTRY STANDARDS & COMPLIANCE



Meets global Cold Chain Standards for vaccine transport



Designed specifically for all climatic conditions



Procurement via GeM Portal for government & institutional buyers



Compliant, reliable & purpose-built for immunization programs

WARRANTY & COMPLIANCE

Warranty: 2 Years or 72,000 km, whichever comes earlier.

Compliance: Meets CMVR, ARAI, and BIS/ISO standards.

[https://mkp.gem.gov.in/insulated-vaccine-delivery-](https://mkp.gem.gov.in/insulated-vaccine-delivery-van/insulated-vaccine-delivery-van/p-5116877-1576907631-cat.html)

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Vehicle Brand	Mahindra
Model	PKN2BAADBS6PSFD3WD
Power Output	Minimum 45 KW
Fuel Type	Diesel
Cylinder Capacity	Minimum 3 cylinders
Engine Capacity	Minimum 1900 cc
Horsepower & RPM	Minimum 60 hp @ 2000 RPM
Transmission	Minimum 4 Forward + 1 Reverse gear with Power Assisted Steering Mechanism
Clutch Type	Dry Plate
Braking System	As per the CMVR Rule No. 96
Frame Section	Rectangular/Tubular/Hollow Section/Ladder Type
Battery	12V, 60AH or Reputed Brand
Fuel Tank Capacity	Minimum 45 Litr
Suspension	Parabolic/Semi-Elliptical Leaf Spring (Front) and Semi-Elliptical Leaf Spring (Rear)
Steering System	Power Steering
Wheelbase	Minimum 2500mm
Cargo Box Dimensions	As per CMVR Rule No. 93
Weight Carrying Capacity	Minimum 700 kg
Ground Clearance	Minimum 160 mm
Wheel Drive	2WD
Turning Radius	Maximum 12m (As per CMVR requirements)
Emission Norms	BS-VI Compliant
Door	2 (Driver+ Co-Driver)
Tires	Radial-Nylon Tubeless

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CERTIFICATIONS

Quality, Management, Environment, Health & Safety Standards



**50 Products
CDSCO Certified**



USFDA Listed



**8 Products Tested
by WHO**



European CE



NABCB: ISO 13485



ISO 9001: IAF



ISO 14001: IAF



ISO 45001: IAF



**7 Electric Safety
Certifications**



WHO GMP



**BIFMA Certified,
BIFMA Level 3**



**ASTM- Corrosion
Free Products**



ISO 2409

**EN 13523-26,
ISO 13849-1,
IP 69, IP 65**

&Many More....

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