



INSULATED VACCINE VAN

2WD - CNG

Reliable & Compliant Insulated Transport for Immunization Programs



Quality, Management, Environment, Health & Safety Standards



CDSO 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.

CNG- INSULATED VACCINE VAN TECHNICAL SPECIFICATIONS

Vehicle Brand	Mahindra
Model	PHN2BAADBS6PSFD3WD
Engine Type	CNG
Minimum Power Output	45 KW
Cylinder Capacity	Minimum 3 cylinders or above
Engine Capacity	Minimum 700 cc or above
Horsepower & RPM	Minimum 20 hp @ 3000 RPM
Transmission	4/5 Forward + 1 Reverse gear with Power Assisted Steering Mechanism
Clutch Type	Single plate Dry Friction
Braking System	Disk/Drum , Complies with CMVR Rule No. 96
Frame Section	Rectangular/Tubular/Hollow Section/Ladder Type
Battery	12V, 60AH or more (BIS/ISO marked)
Fuel Tank Capacity	Minimum 25 Kg
Suspension	Parabolic/Semi-Elliptical Leaf Spring (Front) and Semi-Elliptical (Rear)
Steering System	Power/Manual Steering
Wheelbase	Minimum 2500mm
Cargo Box Dimensions	As per CMVR Rule No. 93
Weight Carrying Capacity	Minimum 500 kg
Ground Clearance	Minimum 170mm
Wheel Drive	2WD/4WD
Turning Radius	Maximum 12m (As per CMVR requirements)
Emission Norms	BS-VI Compliant
Door	2 (Driver+ Co-Driver)
Tires	Radial-Nylon Tubeless
CNG kit	CNG Sequential kit/ CNG Traditional Kit
Component in CNG	CNG Reducer/ CNG Valve / CNG Gas filter/ CNG Indicator Switch / CNG Pressure Gauge/ high pressure Pipe etc.

PRODUCT CERTIFICATION

Quality, Management, Environment, Health & Safety Standards



**50 Products
CDSCO Certified**



USFDA Listed



**8 products tested by a
WHO-accredited laboratory**



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 other...

ALL-IN-ONE SOLUTION FOR

Cold Chain Solution
Medical Equipment
Blood Bank Equipment

Hospital & Scientific Equipment
Hospital Furniture & Infrastructure
Commercial Refrigeration



25+

Years of Excellence



350+

Product Categories



500+

Service center



1000+

Committed Engineers



1,00,000+

Satisfied Users

OUR ESTEEMED CUSTOMERS



& MANY MORE...



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Authorized Distributor Details