

VIC MAC CORPORATION

An ISO 9001:2015 Certified Organization
Plot 265, Phase VI, Udyog Vihar, Gurugram, Haryana 122001, India

RUN FLAT MOBILITY SYSTEM

Vehicle Protection and Mobility

PRODUCT OVERVIEW

The VIC MAC Run-Flat Mobility System uses a structural insert made of an engineering polymer / composite fitted inside the tyre around the wheel rim so a vehicle can continue moving after complete tyre deflation or severe tyre damage. Systems are configured to the actual rim and tyre geometry and can be supplied for SUVs, protected vehicles, light utility vehicles and medium military platforms. Final performance depends on tyre, rim, load and approved test / field configuration.

KEY FEATURES

- Allows continued movement after complete tyre deflation in the specified configuration.
- Common rim-size capability: 15 to 23 inches.
- Suitable for SUVs, light utility vehicles and medium military / security platforms.
- Installed during tyre mounting.
- No modification to the vehicle braking system or wheel assembly in the documented fitment method.
- Vehicle-specific sizing based on rim and tyre details.
- Steel rims preferred for predictable fitment; alloy rims are likely to crumple in case of a direct hit on the rim.

TECHNICAL SPECIFICATIONS

Parameter	Common / Indicative Specification
System Type	Run-flat tyre insert
Common Rim Compatibility	15-23 inches, subject to vehicle / rim geometry
Installation	Inside tyre, between tyre and rim
Vehicle Modification	No structural change to braking system / wheel assembly in common fitment
Common Vehicle Types	SUVs / light utility vehicles / protected vehicles / medium military trucks
Material	Engineered polymer / composite depending on configuration
Warranty	5 years
Order Quantity	Sets configured to vehicle requirement - commonly 4 or 5

APPLICATIONS

- Armoured / bullet-resistant vehicles
- VIP SUVs
- Police and paramilitary vehicles
- Military light utility vehicles
- Fleet protection programmes
- Cash vans
- Riot control vehicles

CONFIGURATION NOTES

- Final insert dimensions and performance depend on the tyre, rim, vehicle load and approved test configuration.

COMMERCIAL AND TECHNICAL TERMS

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Specifications shown are common or indicative configurations. Final dimensions, protection level, materials, testing, warranty, delivery schedule, price, GST and freight are governed by the approved quotation, purchase order and applicable test certificate.

Price on request. Contact VIC MAC Corporation with the required quantity and configuration.