



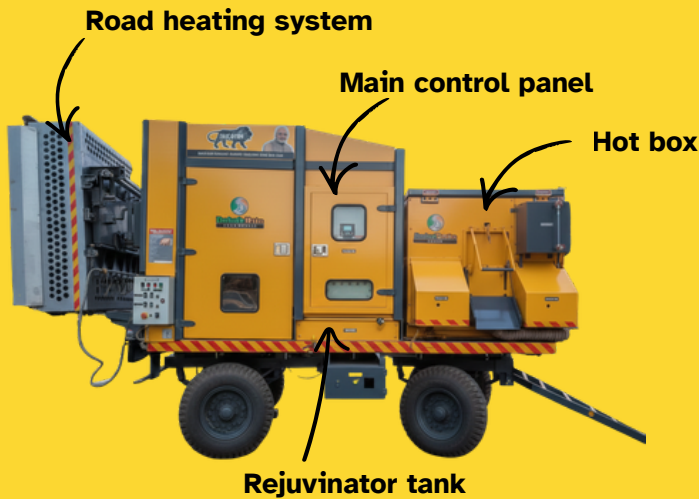
ProRMV Series:

“The Complete Pothole Repair Unit”

**“India’s First Infrared Pothole
Repair System with Hot Box”**



PotholeWala
ROAD REPAIR



Benefits of ProRMV

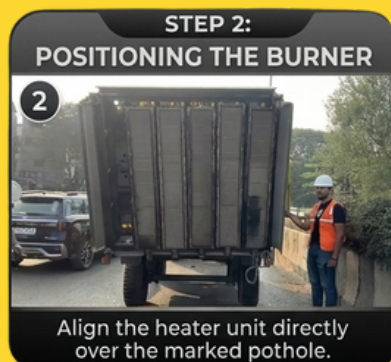
- Repair on demand
- On-site material recycling
- Zero wastage.
- Upto 70% material Savings.
- Standard hot mix repairs.
- Stronger bonding, longer-lasting repair.
- Designated bituminous Storage.
- Hydraulic compactor lift for easy handling.
- 2100watt asphalt breaker.

ProRMV Series – “The Potholewala”

The ProRMV Series enables contractors to repair potholes quickly and efficiently, in compliance with standard specifications using hot mix asphalt and save up to 70% of road material.

- The machine heats the damaged surface using an infrared panel for strong bonding. Fresh hot mix from the integrated hot box is placed on the patch, rejuvenator is added from the onboard tank, and the repair is completed with compaction.
- All essential repair systems — infrared heating, hot mix storage, rejuvenator integration, and compaction support — are combined into one mobile unit.
- Available in multiple capacities and truck-mounted variants, the ProRMV Series is ideal for multi-site operations and small to medium patchwork, eliminating the high cost of dump truck-based repairs.

Complete Pothole Repair Process with ProRMV2000



STEP 7

ADDING FRESH HOT ASPHALT MIX



Release fresh, preheated asphalt mix to fill the repair area.

STEP 8

SPRAYING REJUVENATOR



Spray specialized tack coat and rejuvenator for a seamless bond.

STEP 9

SPREADING AND LEVELING THE MIX



Thoroughly spread and level the hot mix for even grade.

STEP 10

DEPLOYING THE PLATE COMPACTOR VIA LIFT



Prepare the compactor for use with the machine's lift system.

STEP 11

COMPACTING AND ROLLING THE SURFACE



Compact the heated mix with systematic passes for strength.

STEP 12

FINISHED AND EVEN ROAD SURFACE



A seamless, durable repair that is perfectly level with the surrounding road.

Repairs	Potholes • Cracks • Utility Cuts • Failed Patches • Rutting • Raveling • Manholes
Suitable for	Highways • Airports • Ports • Smart Cities • Toll Roads • Industrial Roads • Rural & Remote Areas

ProRMV Series – Model Variants & Technical Specifications

Parameter	ProRMV2000	ProRMV4000
Hot Mix Capacity	2 Ton	4 Ton
Recommended Truck Payload	Above 6 Ton	Above 6 Ton
Recommended Chassis Size	17 ft	17 ft
Hot Box Operating Temperature	180–190°C	180–190°C
Infrared Panel Temperature	Up to 450°C	Up to 450°C
Burner Penetration Depth	Up to 60 mm	Up to 60 mm
Heating Coverage	Up to 14 ft (Hydraulic Sliding)	Up to 14 ft (Hydraulic Sliding)
Recycling Capability	40% – 70% RAP	40% – 70% RAP
Hydraulic Compactor Lift Capacity	200 kg	200 kg
Generator Capacity	10 kW	10 kW
Operational Output (Per Trip*)	Up to 30 Sq.m	Up to 60 Sq.m

About Progenius Pavement Solutions Pvt. Ltd.

Progenius Pavement Solutions Pvt. Ltd. is a national award-winning company specializing in advanced road maintenance and infrared recycling machinery.

The company is recognized and supported under Government of India innovation initiatives, reflecting its commitment to developing indigenous, high-performance road repair solutions.

Focused on sustainability, cost efficiency, and durability, Progenius designs and manufactures equipment tailored for modern road maintenance needs

Recognition & Awards

- Winner – ANIC National Award (2022)
- Winner – Maharashtra Startup Yatra (2022)
- Winner – MSME Hackathon (2022)
- AYEL League National Award Recipient
- Supported by PMC & PCMC

Contact Us

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