

# RVE611

## POTHOLE PATCHING & CRACK SEALING MACHINE

State-of-the-Art Pothole Patching Equipment

### Potholes on Roads are Universal

Potholes pose major problem for the roads and repair is often more complex than the original road laying due to logistic issues



### Features of RoadVera All-in-One Machine

- Pneumatic cutter
- Hopper temperature maintained for 8 to 10 hours
- Inbuilt blower
- Hot asphalt dispenser
- Tack oil sprayer
- Inbuilt vibratory compactor

### Value Proposition

- Best of the available technologies in India.
- Road Maintenance crew of one person makes potholes repairs
- Each pothole is filled in less than 3 minutes
- The new equipment will repair potholes more effectively than traditional methods, saving time, timely completion of the job
- Improving safety of maintenance crews and the users
- Easy to fill the potholes using the self-propelled pothole patcher
- No hold up of the traffic.
- Enhances the life of the road with long lasting repair
- Provides a new driving experience to the users



## Pothole Filling Process

The hole is cleaned  
A high volume blower provides a blast of air to remove loose rocks and debris



A tack coat of hot emulsion is applied to the area to be patched



Asphalt maintained at the desired temperature between 90°-100° C is filled into the pothole



A roller with hydraulic pressure is used for compacting the patch

## Existing Process to Repair Potholes

- Present method is manual, highly time-consuming, and cumbersome
- Difficult to carry out repair work within stipulated time
- Difficult to ensure quality of the patch as the temperature maintenance of the asphalt provides a blast of air
- Poses challenge to remove loose rocks and debris
- Manual process exposes the workers to traffic hazards
- Weather also poses big challenge and affects the productivity

## 10 Reasons to Own a RoadVera

1. Produces consistent, high-quality patches
2. Safe work environment
3. Uses readily available materials
4. Fast!
5. All-weather operation
6. Simple to operate
7. Manoeuvrability, visibility & quiet comfort
8. Large hopper
9. Highly mobile
10. RoadVera saves \$\$\$ and makes \$\$\$

## Special Features

Multi-axis working arm / Air jet / Auger & conveyor belt / Screed (*rake*) levels the poured asphalt / the roller compacts the patch / Tack oil applicator / Plate Compactor / Pneumatic driller / Magnetic bar



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