



Hot Asphalt Regenerator & Patching Equipment

A NEW APPROACH TO ROAD REPAIRS - INTEGRATED, CONTINUOUS & RAPID PROCESS OF ASPHALT REGENERATION, PAVING & COMPACTION



Features of Margastra All-in-One Machine :

- Pneumatic cutter
- Recycles Failed Material & Regenerates hot asphalt
- Inbuilt blower
- Tack oil sprayer
- Hot asphalt dispenser
- Inbuilt Vibratory Compactor

DAMAGED, DISTRESSED, UNDULATED, RUTTED ROADS ARE UNIVERSAL

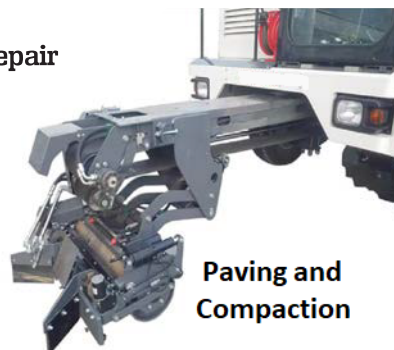
Damages on Roads pose major problem for the contractors and repair is often more complex than the original road laying due to logistic issues

VALUE PROPOSITION

- Best of the available technologies in the world.
- Road Maintenance crew of one person makes repairs
- Regeneration helps avoid sending failed materials to landfills.
- Each Repair is done in 5-15 minutes
- The new equipment will repair roads more effectively than traditional methods, saving time, timely completion of the job
- Improving safety of maintenance crews and the users
- Easy to repair using the self-propelled road 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



Asphalt Loading Part



Paving and
Compaction



MARGASTRA

Safe Fast Easy

EXISTING PROCESS TO REPAIR ROADS

- 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 poses challenge
- Manual process exposes the workers to traffic hazards
- Weather also poses big challenge and affects the productivity

10 REASONS TO OWN A MARGASTRA.

- 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 Highly Mobile
- 9 MARGASTRA Saves \$\$\$ and Makes \$\$\$

Special Features

- 1 Multi-Axis Working Arm
- 2 Air Jet
- 3 Tack oil Applicator
- 4 Auger & Conveyor Belt
- 5 Screed (rake)
- 6 Roller

ROADS REPAIR PROCESS.

Remove failed material from damaged parts of the road using inbuilt pneumatic cutter.

Load the failed material on conveyor belt for continuous & rapid regeneration of Hot Mix.

An inbuilt blower provides a high volume blast of air to clean the patch.

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

Renewed HOT asphalt is dispensed into the patch through adjustable boom.

Inbuilt vibratory roller with hydraulic pressure compacts the patch.

Key Features

This easy to drive, self – propelled equipment can travel to work sites at 24km/hr.

- Vehicle size : 7220x2880x3100mm
- Gross Vehicle Weight : 11630kgs
- Hopper Volume : 0.6m3
- Roller Width : 900mm
- Boom length : 1200mm
- Fuel Tank volume : 270 litres
- Cummins high pressure common rail engine, Euro III Ar
- DANFOSS hydraulic pump and hydraulic motor
- Riello burner from Italy
- Hydraulic control valve set from SUN Hy-dra force valve element
- Patented planetary agitator caldron
- Twin channel cyclone separator



We always love to hear from our customers! Feel free to contact us anytime by phone or email. We are happy to answer your questions. Need help with your existing service? No problem! Please use our 24/7 help query form for the quickest response to all of your technical needs.

CONTACT US

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