



Revolutionising asphalt repair

Asphalt repair and road surface maintenance just became faster, cleaner and more sustainable with the release of the SIMEX ART 1000 Gen II.

The innovative SIMEX ART 1000 allows for asphalt regeneration without removing milled material or introducing new aggregates, setting a new standard in road maintenance efficiency.

At the core of the solution is a patented technology specifically designed to regenerate bituminous conglomerate using 100 per cent of the existing material on site.

There's no need to add external materials or remove what's already in place — making this solution as environmentally friendly as it is cost-effective.

A multi-stage process in one efficient machine

During operation, the ART 1000 Gen II performs multiple functions in a single pass:

- Milling the deteriorated section of road
- Controlled injection of rejuvenating agents, automatically adjusted based on milling depth and machine speed
- Granulation of the milled material to the ideal grain size
- Final mixing, producing a homogenous, ready-to-use recycled conglomerate

The regenerated mix is then redeposited directly into the milled area, ready to be levelled and compacted using standard tools like rollers or vibrating plates.

A greener, smarter way to repair roads

By reusing all materials on-site, the SIMEX ART 1000 not only eliminates waste but also reduces the need for new asphalt mixes and raw aggregates. This translates into:

- Lower operational costs
- Minimal traffic disruption
- Immediate road usability post-repair

Such sustainability also aligns with modern environmental and operational standards, making it a smart investment for forward-thinking municipalities and contractors.

The machine is ideal for common surface distresses such as:

- Alligator or branch cracking
- Surface bumps, dips or ripples
- Potholes and joint gaps
- Localised wear or aggregate smoothing
- Temporary repairs requiring high-speed turnaround



During operation, the ART 1000 Gen II performs multiple functions in a single pass. Images: TRS

Key advantages include:

- Rapid, long-lasting surface restoration
 - Minimal crew and equipment required
 - Zero material procurement and transport costs
 - No waste generation
 - Regeneration can be repeated during future maintenance cycles
- With an operating depth of 30–60mm, the

ART 1000 Gen II is ideal for functional maintenance and surface distress restoration, ensuring safer roads and smoother rides with fewer resources.

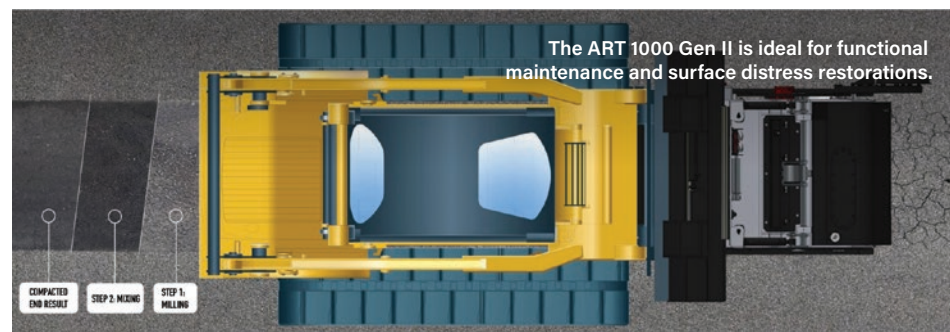
Australian market launch

The SIMEX ART 1000 Gen II is set to launch in Australia in the fourth quarter of 2025.

For early access and more information as it becomes available, contact your local SIMEX dealer:

- **Walkers Hammers** (Vic, SA, Tas) – walkershammers.com.au
- **Groundtec** (NSW) – groundtec.com.au
- **QLD Rock Breakers** (Qld, NT) – rdw.com.au/qld-rock-breakers
- **Total Rockbreaking Solutions** (WA) – totalrockbreaking.com.au IEE

For contact details, visit: attachmentspecialists.com.au/simex



The ART 1000 Gen II is ideal for functional maintenance and surface distress restorations.

ART1000 GEN II

ZERO WASTE ASPHALT REPAIR



1 MILLING AND REGENERATION

- Milling the deteriorated section of road
- Controlled injection of rejuvenating agents
- Granulation of the milled material to the ideal grain size

2 MIXING

- producing a homogenous, ready-to-use recycled conglomerate

3 COMPACTION

- The 100% regenerated bituminous conglomerate which, once compacted, can be driven on immediately

The new SIMEX ART1000 Gen II revolutionises asphalt maintenance by regenerating road surfaces without removing milled material or adding new materials.

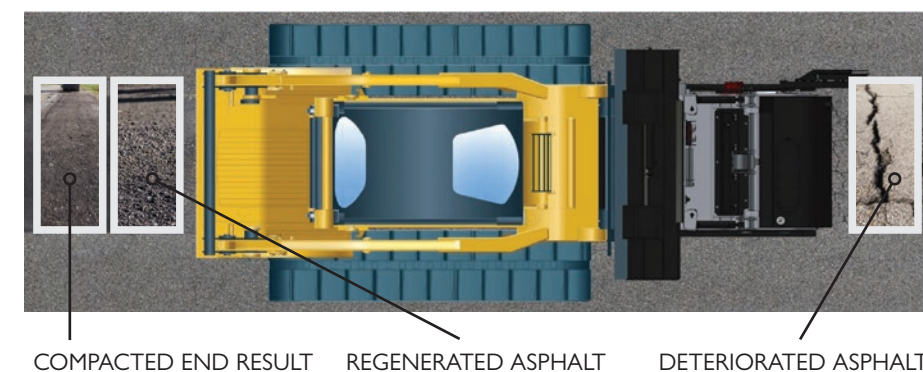
Using patented technology, it mills, injects rejuvenators, grinds and mixes in one pass — reusing 100% of existing material and leaving the road ready for immediate compaction.

Key Benefits:

- Fast, long-lasting road repairs
- Zero waste, zero new materials
- Minimal crew and traffic disruption
- Ideal for potholes, cracking, dips & patching
- 30–60 mm operating depth

Launching in Australia Q4 2025. Register your interest today with your local SIMEX dealer:

SIMEX



COMPACTED END RESULT REGENERATED ASPHALT DETERIORATED ASPHALT

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