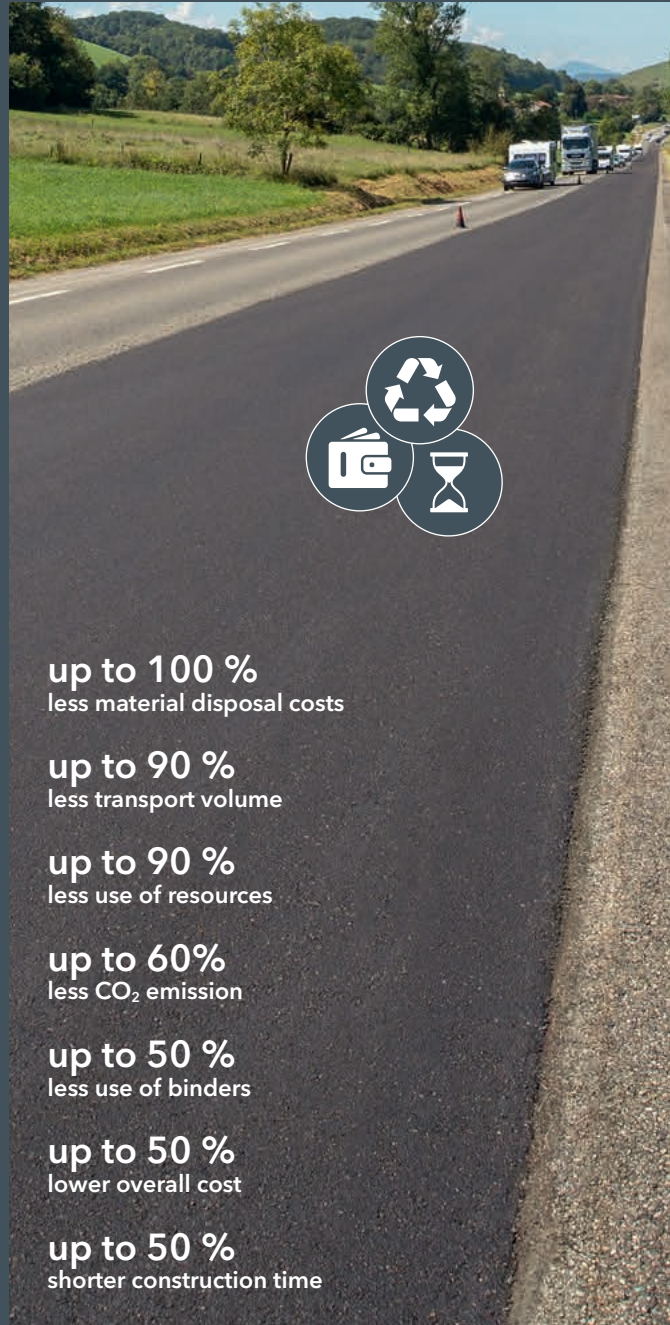


Sustainable cold recycling technology

A WIRTGEN GROUP COMPANY



The world's most powerful cold recyclers



- up to 100 %
less material disposal costs
- up to 90 %
less transport volume
- up to 90 %
less use of resources
- up to 60%
less CO₂ emission
- up to 50 %
less use of binders
- up to 50 %
lower overall cost
- up to 50 %
shorter construction time

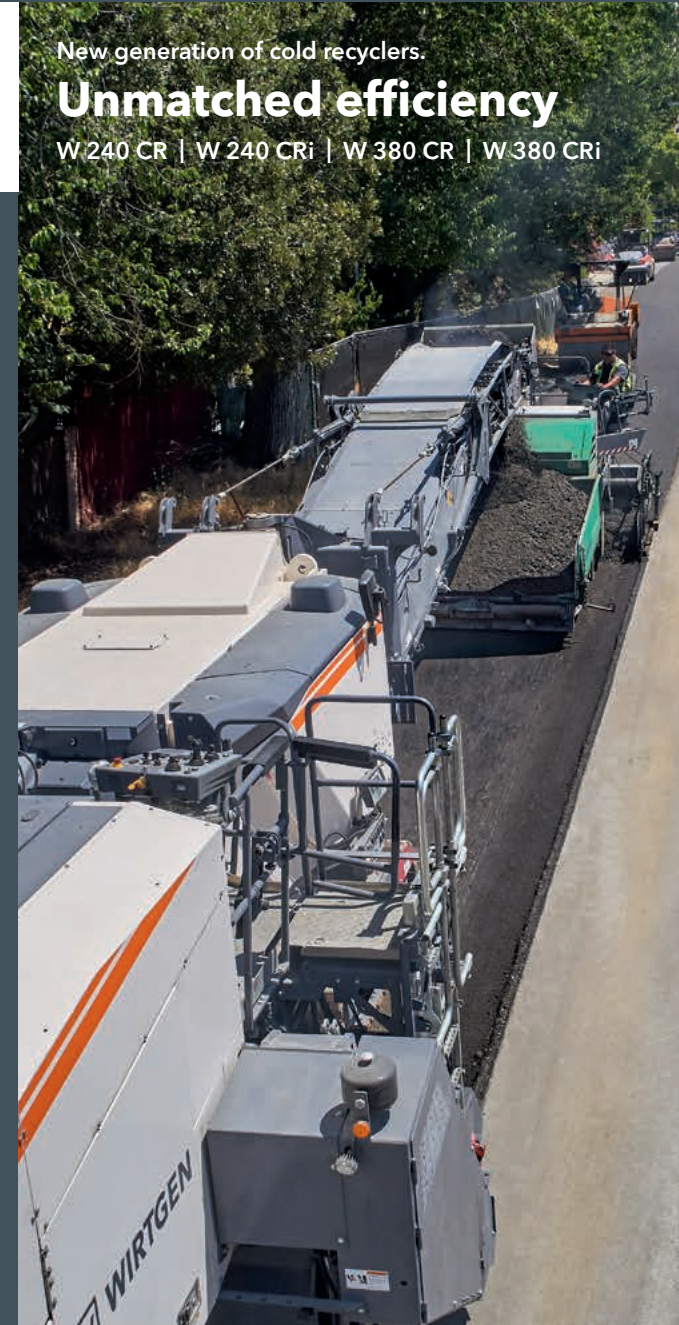


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New generation of cold recyclers.

Unmatched efficiency

W 240 CR | W 240 CRi | W 380 CR | W 380 CRi



COLD RECYCLING TECHNOLOGY IS STATE OF THE ART
Cold recycling is used wherever road pavements are exposed to high traffic volumes, and a fast-paced, cost-efficient and environmentally sustainable construction method is called for.

When cold recycling in-place (= on the construction site), cement is pre-spread, and the asphalt layer is subsequently granulated, mixed with the binder, water and bitumen emulsion or foamed bitumen, placed again and compacted, all in a single operation. In view of the global success of cold recycling, WIRTGEN, as the pioneer and technology leader, is continuously developing the different methods.

NEWCOMERS READY TO GET OFF THE STARTING BLOCKS
With the W 240 CR / W 240 CRi / W 380 CR / W 380 CRi, newly designed from the ground up, we are presenting the world's most powerful and most advanced cold recyclers.

The sophisticated cutting and mixing technology, innovative, high-precision injection systems, and milling and mixing unit with a mixing capacity of up to 800 t/h for recycling and milling operations - to name just a few high-end features - will kindle your enthusiasm.



All details, illustrations and texts are non-binding and may include optional additional fittings. Subject to technical modifications. Performance data dependant upon operational conditions. © WIRTGEN GmbH 2019. Printed in Germany. EN-01/19 - V2 (03/20)



Outstanding features of the new CR cold recyclers

The new CR cold recyclers in successful operation

1 | Simple operating concept

Flexible positioning of the main control panels in both directions of operation, large and clearly structured control panels for the ground crew, the machine's automatic self-diagnostic system and the high-precision LEVEL PRO levelling system make operation significantly easier.

4 | High-precision, reliable injection systems

State-of-the-art injection systems with adjustable injection pressure, innovative process water monitoring for the different injection systems, and an automatic self-cleaning and flushing feature can be relied on to produce high-quality base layers.

5 | Effective cutting and mixing technology

The heavy-duty milling and mixing unit is ideally suited for both the down-cut process (recycling) and up-cut process (milling). The extremely hard-wearing HT22 quick-change toolholder system increases productivity. In addition, the Multiple Cutting System MCS **EXTEND** for different working widths maximizes machine utilization.

2 | Perfection in visibility, comfort and ergonomic design

Optimized machine geometry for perfect visibility, up to seven cameras and the clearly structured, adaptable operator's platform including canopy provide high ergonomic standards and operator comfort.



W 240 CRi with a working width of 2.35 m and paving screed



W 380 CRi with a working width of 3.8 m, discharge conveyor and paver



W 240 CRi recycling across the full lane width including lateral premilling and paver

3 | Tremendous performance

The high-powered, high-torque diesel engine, minimized engine noise emissions for around-the-clock operations in urban environments, and intelligent engine-machine management system for maximum advance rates guarantee impressive machine performance.

1 | W 240 CR / W 240 CRi with paving screed

The W 240 CR/W 240 CRi cold recycler rehabilitates traffic lanes in a single pass by means of the VÖGELE paving screed adaptable to the rear of the machine. Collecting the milled material from previously performed lateral milling operations, the material guide plate system at the front permits road pavements to be recycled by means of a paver even at widths exceeding the working width of the machine. Compact machine dimensions guarantee ease of transport.

2 | W 240 CR/W 240 CRi/W 380 CR/ W 380 CRi with rear-loading feature

The W 380 CR/W 380 CRi recycles extra-wide pavements across the full width and in a single pass, offering flexible rear-loading options and exceptionally high daily performance rates. The paver's material hopper forms an ideal buffer with ample storage capacity. Excess material can be loaded onto trucks via the slewable discharge conveyor. Collecting the milled material from previously performed lateral milling operations, the material guide plate system at the front permits road pavements to be recycled even at widths exceeding the working width of the machine.