

ASTEC REMIX™

COLD CENTRAL PLANT RECYCLE SYSTEM



Astec ReMix™

Cold Central Plant Recycle (CCPR) System

This cutting-edge system is designed to efficiently utilize reclaimed asphalt pavement (RAP) stockpiles by turning it into Cold Central Plant Recycle (CCPR).

WHAT IS CCPR?

CCPR is a cold recycling technology. It is a sustainable approach to road construction that minimizes environmental impact. By reusing RAP materials and mixing them at ambient temperatures, the CCPR significantly reduces the need for both virgin aggregate and energy for heating the mix. This conserves natural resources and lowers carbon emissions.



A revolution in sustainable road construction!

WHAT IS THE REMIX CCPR PLANT?

The Astec ReMix™ system is a modular solution, comprised of the following components:

A core load with a trailer chassis, 300 TPH (nominal) pugmill, feed conveyor, controls system, water line connection, shore power connection, water pump & metering system, and either a foamed asphalt injection system or an asphalt emulsion injection system.



Options:

- Five options for RAP feed, including integrated bins or standalone RAP bins,
- Four options for material discharge
- Eight options for fines additive supply
- Three options for liquid asphalt supply
- Additional options available to include a flushing system to clean out the AC lines and spray bar, an integrated asphalt pump & metering system, and more.



REDUCED COSTS

The Astec ReMix CCPR system not only cuts costs on asphalt materials and disposal, but also boasts minimal energy expenses. By producing mix at ambient temperatures without a burner, it offers significant savings compared to traditional mix designs.

RELIABLE PERFORMANCE

The Astec ReMix CCPR system is built on decades of Astec expertise, producing reliable performance through its field-proven technology, including the pugmill, foaming system, and controls.

IMPROVED ENVIRONMENTAL SUSTAINABILITY

The Astec ReMix CCPR system helps to reduce the need for virgin asphalt, which conserves natural resources and reduces greenhouse gas emissions.

ROBUST CAPACITY

With a nominal 300 TPH production rate, the Astec ReMix CCPR system provides enough capacity to support a broad range of production needs.

INCREASED FLEXIBILITY

Its modular design means it can be built to your exact requirements. Only buy the plant you need, the Astec ReMix CCPR system is configured to meet your production requirements.

EASY TO MAINTAIN

The Astec ReMix Cold Central Plant Recycling (CCPR) system has been meticulously engineered to prioritize user-friendly maintenance and operation. The layout and well-planned components make routine maintenance straightforward, minimizing downtime and maximizing the overall efficiency of your recycling operations.



Scan QR to watch a video and learn more!



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