

Cold In-Place Recycling

Peckham Industries, Inc.'s acquisition of a new Roadtec RX900E cold recycler highlights our commitment to providing you with custom solutions to solve your road maintenance problems. Most road problems start below the surface and can only be properly remediated by a removal of the top course. Ideal candidates for our cold-in place recycling (CIPR) process are roads and parking lots experiencing rutting confined to the asphalt layers and/or fatigue cracking that have a sound, stable sub-base.

Our Process

Using the high-performance Roadtec RX900E in our CIPR process enables us to grind asphalt pavements to a depth of 4 inches, add a variety of stabilizing agents to the recycled pavement and provide a pre-compacted surface in a single pass. The central element of our cold recycler, the milling drum, effectively granulates the existing pavement which is then homogeneously mixed with injected water and either Portland cement, foamed asphalt or an asphalt emulsion in the heavy-duty milling and mixing chamber to create a new pavement mixture. The newly produced mix is then left in a windrow, which is lifted and remixed via conveyor to the paver. The spreading auger spreads the material uniformly across the full width, enabling the paving screed to place and pre-compact it with precise geometric control.



At the end of the CIPR process the roadway is rolled and is then ready to be topped with a wearing course overlay of a hot mix, warm-mix, cold mix or chip seal product. Unique to our CIPR process, the Roadtec RX900E is the same length as a conventional milling machine with an attached loading conveyor enabling us to work in areas not compatible for most other equipment.

Our CIPR process can save you valuable time and money in the replacement and maintenance of existing roads by recycling 100% of the existing materials, eliminating sub-surface cracks that other processes do not address and extending the pavement service life. Not only an environmentally friendly solution, our CIPR process provides more structural value than conventional mill and fill solutions and is typically 25%-50% less expensive than conventional hot mix or cold mix asphalt reconstruction. In addition, the quick mobilization, high production capacity, and fast curing time of our CIPR process allows for timely project completion reducing costs associated with long equipment trains, trucking materials on/off-site and lengthy road closures.

The Peckham Way

Peckham Industries, Inc., through its various family companies, has dedicated itself to delivering the highest quality materials and custom solutions to thousands of road construction and maintenance customers, like you, for over 99 years and promises to continue this reputable tradition far into the future. We are committed to utilizing new technologies, developing new standards and employing motivated, knowledgeable professionals to gain your trust and continued satisfaction as a customer. To learn more about our company and our CIPR process please contact your local sales representative or visit our website, www.peckham.com.