



When asphalt is about to be made, the process is started by using an engineered mixture of aggregate (stones and sand) with liquid asphalt cement (a petroleum product). Varying sizes of aggregates are heated, then mixed, in exact proportions, with asphalt cement that has been liquefied at about 300° F. While the mixture is still hot, it is delivered to your property and placed atop a prepared base or subgrade. Very soon after paving, the mixture cools and hardens so that you can drive and park on it right away.



DID YOU KNOW?

Did you know that the oil we use to run the Asphalt Plant is recycled oil. Recycling oil is the separation, collection and recovery of useful materials from manufactures into new products or raw materials. These materials cannot be directly reused and would otherwise be discarded as waste. Some materials are “technically” but not economically recyclable. True recycling has not occurred until recycled materials are used in the production of new products.

Recycling can redirect large percentages of waste material into beneficial secondary use-for homes, businesses, institutions and industry.

In 2016, we have used approximately 180,000 gallons of recycled oil to run the Asphalt Plant and 6,480 tons of Liquid Asphalt. A lot of the recycled oil we use comes from cruise ships.

Recycled Hot Asphalt is now available for the upcoming winter season.

What is a Bagela?

Unlike many other recycling processes, flame does not touch the aggregate inside the drum of the Bagela Asphalt Recycler - the patented heating process is entirely convection, with virtually no petroleum burn-off like other asphalt recycler designs. This is the most efficient asphalt recycler in the industry.



The process? Ridiculously simple: existing RAP, chunks, millings or leftover plant mix are loaded into the drum by raising the hydraulic hopper. Once in the drum, the material travels through a series of paddles and flights, breaking down to its original coated aggregate form - fresh, viable, 330-degree hot-mix asphalt.

The operator then reverses the drum, opens the discharge gate, and releases one ton of recycled hot mix every 6 minutes. Until you see it in-person, you may not believe it.

Take the sunglass test!

Watch our Bagela Asphalt Recycler in action and you'll notice they emit what appears to be emissions. We said "appears" because what you're seeing is steam. We don't need to include additives to our recycling process - sheer heat is what makes our system so effective, efficient and environmentally friendly. Our process emits steam only.

How can you be sure? Take a pair of sunglasses and hold them in the vapor cloud that comes from our machines. If it contained pollutants or petroleum-based residue, wouldn't you see an oily film on your sunglasses? You bet you would. But you won't, because our process is so green and clean!

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| • Pothole patching | • Plumbing cuts | • Small-medium paving jobs |
| • Utility cuts | • Parking lots | • All winter patching jobs |
| • Curbing | • Driveways | • Golf, bike & walkpath construction/maintenance |
| • Trenching repairs | • Airport maintenance | |
| • Gas line installation | • Railway crossing repair | |
| • trench cuts | | |