



## Building Sustainability

One of our customers, M. Leeder Construction of Durango, Colorado is proud of their efforts to champion sustainability in an industry not generally known for it. With their Bagela Asphalt Recycler, they are making the highest use of our precious resources, minimizing greenhouse emissions, and keeping *tons* of waste asphalt out of our landfills.

The savings of **1800 tons of recycled asphalt** are illustrated below:

Asphalt saved from landfills	<b>1,820 tons</b>
Rock that did not need to be mined/quarried	<b>1700 tons</b>
Oil that did not need to be refined or delivered	<b>29,120 gallons</b>
Greenhouse gas emissions that were not put into the atmosphere	<b>70 tons</b>

*\*Numbers based on 1800 tons of asphalt recycled by M. Leeder Construction during an operating time period.*

By contrast, here's what it takes to make one ton of **virgin asphalt**:

1. Mine or quarry the rock or aggregate	<b>1870 lbs of rock</b> per ton
2. Add asphalt oil	<b>16 gallons of oil</b> per ton
3. Power the hot plant generators	<b>75 lbs of greenhouse gas emissions</b> per ton

*\*\*"Comparison of Greenhouse Gas Emission for Patching with Recycled and traditional Asphalt" by Tim Marbach, Ph.D.*

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