

 **Bagela®**
BA Series
Asphalt Recyclers

REMOVE

REUSE EXISTING ASPHALT STOCKPILES



RECYCLE

CONTROL YOUR MATERIAL COSTS



REPLACE

BETTER ROADS = BETTER COMMUNITIES

PavementRecyclers.com

BA Series

BA4000 | BA7000 | BA10000
PavementRecyclers.com

QUALITY 100% RECYCLED HOT MIX ASPHALT: WHEN YOU NEED IT. WHERE YOU NEED IT.



FEATURES

Recycle during all seasons! From driveways, parking lots and roadway repair- contractors, municipalities and government agencies- the BA Series is ideal!

- R**e-use existing stockpiled (waste) asphalt materials
- E**asily portable, for on-site recycling and repair
- C**ost savings
- Y**ield - up to 10 tons per hour
- C**apable of working 365 days a year
- L**ess costly alternative to cold mix
- E**nvironmentally friendly!



CONTROL

Be in control & competitive with a BA Series asphalt recycler:

- Supply hot asphalt on demand!
- Avoid plant opening fees
- You now have the ability to work on nights and weekends.
- No waiting in lines at asphalt plants.
- Bagela is #1 in providing quality recycled asphalt.

Asphalt Recycling
The environmental benefits & BIG profits are here to stay!



PROCESS

The BA Series is designed to use existing RAP, chunks or millings and recycle material into usable hot mix. The process, from an operating standpoint, is quite simple. Chunks or separated material is loaded into the self-contained recycler. Through a patented *indirect* heating process, RAP is recycled into viable hot mix asphalt.

The patented flighted drum keeps the material from coming into direct contact with any flame, so output material is discharged at a consistent temperature, which is monitored by electronic controls making operation very simple.

APPLICATIONS

- Pothole patching
- Utility cuts
- Shoulder work
- Curbing
- Trenching repairs
- Catch basin repairs
- Plumbing cuts
- Parking lots
- Bridge repairs
- Driveways
- Airport maintenance
- Railway crossing repair
- Small-medium paving jobs
- Soil remediation
- All winter patching jobs
- Golf, bike & walkpath construction/maintenance

"We bought the Recycler so we no longer need to purchase cold patch material. We do not use it every day, but it **paid for itself** in just three years! We highly recommend the Thermal Container as well, it keeps the 'hot patch' hot for hours!"

Bruce Kolwicz, Public Works Director
City of Milford, Connecticut

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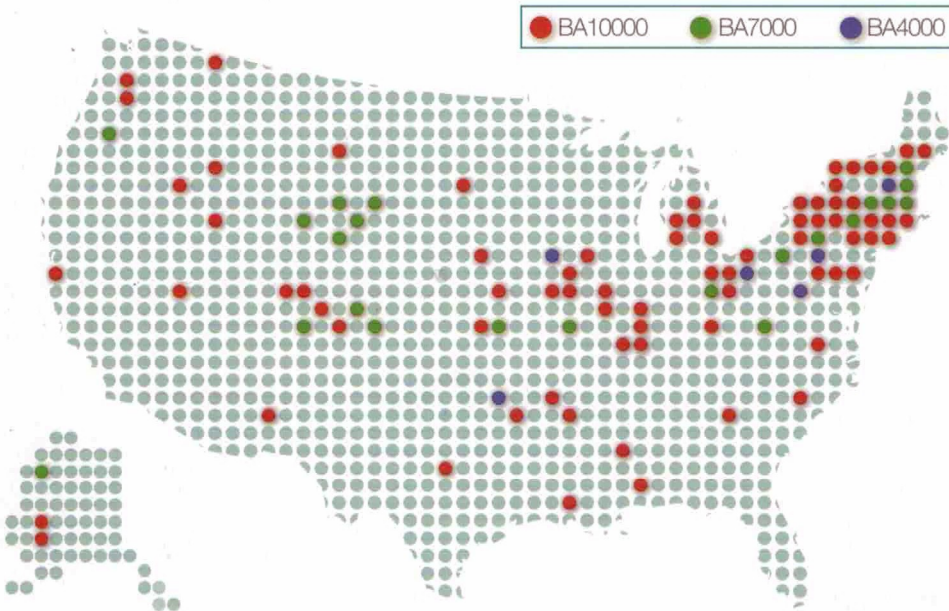
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MUNICIPALITY MATERIAL COST SAVINGS

	Traditional off-season cold/hot mix	Recycled hot mix asphalt using Bagela Asphalt Recycler
Asphalt Cost Per Ton	\$105	\$25
Tons - Material Purchased	5	5
Worker Cost Per Hour	\$50	\$50
Man Hours - Travel Time (Typical Crew: 2)	4	0
Man Hours - Wait Time at Plant for Materials	2	0
Gross Product Cost (Materials & Labor)	\$825	\$125
Total Usable Tons	3.5	5
Cost Per Usable Ton	\$239	\$25
Seasonal Usage (Tons Applied During Patching Season)	250	250
Total Material Cost Using Above Assumptions	\$58,929	\$6,250
Annual Savings using a Bagela Asphalt Recycler:		\$52,679

- Total usable tons- With a traditional method, approximately 30% of material is not usable due to cooling during transportation.
- \$25 per ton is an average fully loaded cost per ton using a Bagela BA7000 Asphalt Recycler. This average includes labor, input material, maintenance, and fuel and equipment depreciation. Please contact Pavement Recyclers for details.
- Recycled asphalt is 100% reusable. There is no waste or spoilage. Any leftover material can be reheated and reused.

JOIN THE GROWING NUMBER OF BA SERIES RECYCLER CUSTOMERS OPERATING THROUGHOUT THE UNITED STATES!



BAGELA BA10000

COST PER TON ANALYSIS

Market Assumptions	
Anticipated days of operation	5 days
Hours of operation per day	8 hours
Average # tons required per day	70 tons
Off-road diesel fuel cost per gal.	\$3.00/gal
Fully loaded labor cost per hour	\$62/hr
Capital cost of equipment (est)	\$175,925
Input material per ton	\$6/ton
Daily Operating Expenses	
Labor cost for daily operation (8 hours @ \$62.00/hour)	\$500/day
Input material (70 tons @ \$6.00/ton)	\$420/day
Maintenance	\$35/day
Fuel (75 gallons @ \$3.00/gallon)	\$225/day
Daily operating expense total	\$1,180.00
Total Cost per Ton of Recycled Asphalt	
Depreciation	\$2.01/ton
Maintenance	\$0.50/ton
Labor	\$7.14/ton
Fuel	\$3.21/ton
Input Material	\$6.00/ton
Total Cost per Recycled Ton:	\$18.87

RESULTS



-Recent featured articles-

THERMAL CONTAINERS

Thermal Containers are an economical solution for transporting recycled hot mix to the job site! The containers are completely insulated using a special mineral fiber. Thermal Containers can retain hot mix asphalt temperature for approximately 10-12 hours without the need for fuel, electricity or any external heat source! Bagela Thermal Containers are offered in four sizes/capacities: 5 ton, 9 ton, 11 ton and 15 ton.



BA10000

The BA10000 Asphalt Recycler is the most recognized recycler in operation! It is THE CHOICE for recycling asphalt all day, every day! Many contractors and municipalities have turned unwanted RAP into a serious revenue generator!

The BA10000 is a heavy duty, fully self-contained, portable recycler. It comes standard mounted on an oversized trailer for portability. The BA10000 is also available as frame mounted for static installation.

The BA10000 efficiently recycles broken chunk, milled (RAP) or leftover virgin plant mix asphalt at an output of 10 or more tons per hour.



BA7000

The Bagela BA7000 is an ideal choice for contractors or municipalities looking to recycle chunk asphalt with the added ease of portability! The BA7000 is capable of recycling up to 7 tons per hour depending on material input. This recycler's economical weight and size make it ideal to tow behind today's standard, half-ton pickup.

The BA7000 is also available with self-propulsion for ease of movement on the job.



BA4000

The BA4000 is an excellent choice for contractors or municipalities looking to recycle their own hot mix in small quantities they need... when they need it! The BA4000 is capable of producing up to 4 tons per hour depending on material input. This unit is easily transportable due to economical size and weight.

TECHNICAL DATA:

Type	Length	Width	Height	Weight (lbs)	Diesel Engine	Rated Output	Heating System	Fuel Per Ton Consumption
BA4000	174"	79"	79"	4400	1 cyl., 6.6 hp	4 tph	Diesel 0.48 MBTU/hr	Approx. 1.0 gal/ton
BA7000	212"	79"	83"	5500	1 cyl., 11.5 hp	7 tph	Diesel 0.90 MBTU/hr	Approx. 1.0 gal/ton
BA10000	266"	91"	97"	11000	3 cyl., 27.0 hp	10 tph	Diesel 1.48 MBTU/hr	Approx. 1.0 gal/ton

Complete specifications for these models are available from your authorized dealer or visit: PavementRecyclers.com

LOCAL DEALER:

WBL-NKN

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