



Henke Manufacturing Corporation

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# Montana Asphalt Topper

**The perfect attachment for extruding a ribbon of hot asphalt over irregular road surfaces.**

Weather conditions and prolonged use often lead to paving ruts. Before major road resurfacing, these ruts need to be filled with a thin layer of hot asphalt to a controlled horizontal plane.

Henke's Montana Asphalt Topper mounted on the front of a wheel loader, perfectly performs this asphalt extruding function.



HENKE MAT - US Patent #5,599,135

### Product Features:

- Designed for use by local road maintenance crews, with a wheel loader 2 1/4 cy minimum.
- More efficient than motor grader blading, which can't compact and requires 3-4 passes while asphalt cools.
- Less expensive than contracting for an outside rotomill and paving operator.
- Minimum maintenance required, because of rugged MAT design and construction. Rear plate assembly accommodates quick couplers or pin hitches. Estimated weight with hydraulics - 3280#.
- Self contained hydraulic system, requires single electrical connection to wheel loader.

**A twelve minute instructional film is available upon request.**

The Montana Asphalt Topper was conceived, designed, fabricated, operated, and patented by John Delaurenti, Field Maintenance Supervisor, Montana DOT, Ronan, Montana

- Prior to MAT operation, all severe potholes are filled and a thin coat of tack oil is spray applied. Air temperature should be 50° or higher
- Approximately 3 cubic yards of hot asphalt are dumped in front of the MAT on the lane to be repaired. Additional asphalt is dumped as needed.
- As the MAT is pushed forward by the wheel loader, the wedge shaped center section and angled rear assembly of the MAT break up the asphalt clods and direct the material over the entire 12' width.
- The hydraulically adjustable cutting edges, in combination with the loader downpressure, extrude the asphalt to the desired pre-rolled thickness, usually 1" to 2", filling all ruts and recesses.
- An experienced road maintenance crew of 7 to 8 people, at walking speeds, will average "one lane mile per hour," assuming the roller operator - following behind the wheel loader - can keep pace.

## Built Tough – Built to Last!

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