

CASE STUDY: BLOCKBUSTER

Minnesota Department of Transportation
Metro District — Oakdale



BlockBuster® System

DOT-rated, 4X blade life, engineered with wide footprint to minimize road damage.



Challenge

Oakdale faces cold temperatures and high precipitation. Due to multiple snow events each winter season, it needs a blade with high wear life to keep production in motion. Oakdale's routes cover long stretches of high-speed, flat, concrete roads. The Oakdale location runs carbide insert blades with a steel cover and the Joma articulating blade.

Test Truck A

Oakdale placed their first BlockBuster order in December of 2016. After a short test period, it resulted in at least **6X** wear life over carbide and cover. It outlasted the Joma by **3X**. Oakdale has since placed an order for additional BlockBuster blades to combat the 2017-2018 winter season.

"The BlockBuster Hammerhead System outlasts our standard set up by at least 6X. It lasts longer than the Joma Blade by 3X."

— Kelly Lapinski, Transportation Tech

Key Advantages

The HammerHead® Bullnose Carbide insert allows for multiple attack angles. The Wear Bars are encased with Winter Carbide Matrix® totaling 56 lbs. of carbide protection. The wide footprint protects your road surface from damage caused as a result of snow removal.

OTHER DOT USERS:

Nebraska Department of Transportation
Arkansas State Highway and Transportation
State of Ohio Department of Transportation

SAVINGS ANALYSIS 6X Wear Life

Cost Savings Per Truck

\$2,252

Oakdale Garage, 30 Trucks

\$67,560

Minnesota DOT, 100 Trucks

\$225,200

NOTE: Does not include downtime cost. The Winter Equipment Company manufactures wear systems that can last up to a complete season. Each customer's experience will vary depending on wear factor expectations, weather, operator use, and other variables.

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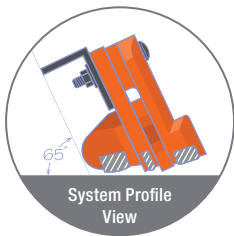
Carbide | Steel | Rubber

UPDATED 11.01.22

BlockBuster Cutting Edge

* 4' Carbide Blade – Part No: BBH3041223UNIV

* 3' Carbide Blade – Part No: BBH3031223UNIV

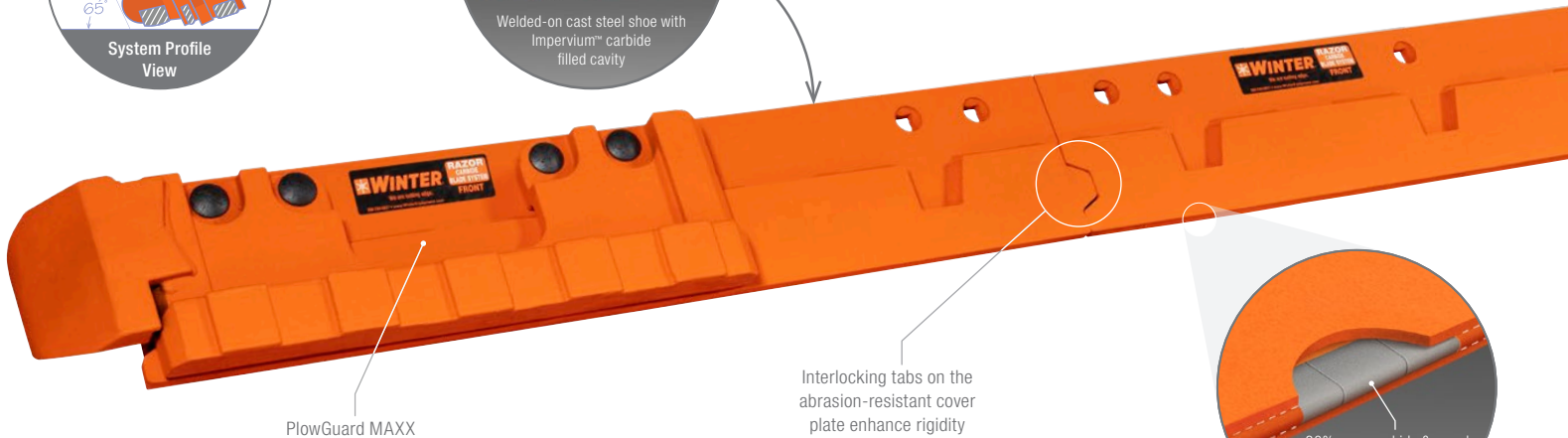


System Profile View



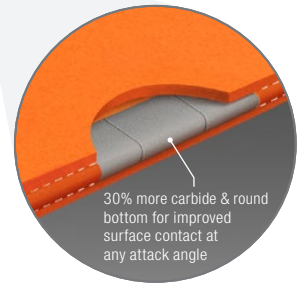
Blade Back Moldboard Shoe

Welded-on cast steel shoe with impervium™ carbide filled cavity



PlowGuard MAXX

Interlocking tabs on the abrasion-resistant cover plate enhance rigidity



30% more carbide & round bottom for improved surface contact at any attack angle

Best Used For

ROADS

Concrete, chip-seal, asphalt

SPEED

High, Medium, Low

PLOW TYPE

Front reversible, one-way, wing and tow plows

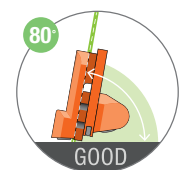
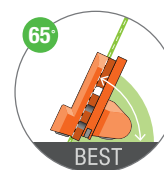
ANGLE OF ATTACK

45°–90°



BlockBuster is Winter's longest lasting premium carbide blade. It was engineered and built to withstand long runs on the largest plows for highways and interstates. It is best suited to clear large volumes of snow while still protecting your road surfaces with its heavy, carbide filled moldboard shoes.

OPTIMAL BLADE ANGLE



110222

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 **WINTER**
The Snowplow Wear Parts Experts