

CASE STUDY: BLOCKBUSTER

City of Huber Heights, Ohio



BlockBuster® System

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



Challenge

The city of Huber Heights, Ohio experiences an average of 26 snow events in a 5-month plowing season. City roads are mainly asphalt with a few miles of chip seal and concrete. The crew is responsible for clearing 430 miles of road. They travel at about 25 miles an hour and encounter obstacles such as manhole covers and bridge joints. The plows hit the ground at the sight of the first snowflake, and roads are expected to be clear at all times. The Huber Heights plows were previously running 6" carbide with steel covers and plow guards, and on average were changing blades 1½ times a season.

Test Truck A

The city of Huber Heights purchased its first BlockBuster on February 5, 2014, and has 7" of blade remaining. It is anticipating 2 full seasons with the BlockBuster. The city is happy with the performance of the blade. Huber Heights had a direct savings of \$4,849.00 from cutting edges alone. Indirect savings include the cost of maintenance and operational cost behind changing a blade 1½ times per season.

"We are very happy with the performance of the BlockBuster HammerHead. The lifespan is impressive."

— Mike Gray, City of Huber Heights, Road Department Supervisor

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.

SAVINGS ANALYSIS 4X Wear Life

City Savings Per Season – Truck A
\$4,849

Potential Savings for All 14 Trucks
\$46,274

NOTE: The city of Huber Heights will equip their remaining 13 trucks with BlockBuster Systems. Their potential savings per season will be \$46,274.88.

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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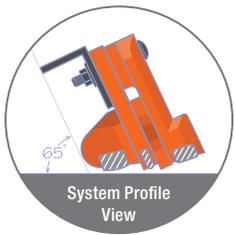


Carbide | Steel | Rubber UPDATED 11.01.22

BlockBuster Cutting Edge

* 4' Carbide Blade – Part No: BBH3041223UNIV

* 3' Carbide Blade – Part No: BBH3031223UNIV

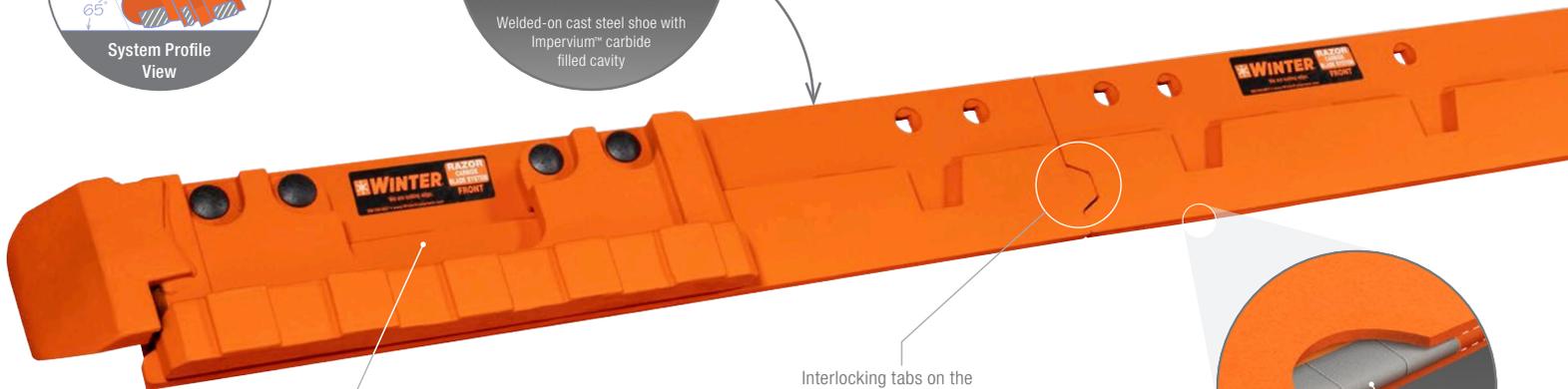


System Profile View



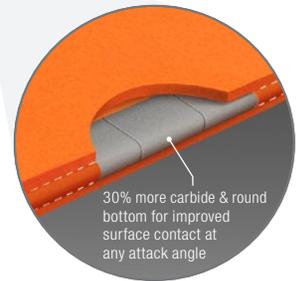
Blade Back Moldboard Shoe

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



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