

# CASE STUDY: BLOCKBUSTER

Ohio Department of Transportation  
District 12-Lake County



## BlockBuster® System

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



### Challenge

Ohio Department of Transportation - District 12 had been a long time steel and plow guard user. It plows roads at medium to high speeds that are mostly concrete. These roads include "county" side roads as well as highway lanes. In January of 2013, the garage reported changing its steel blades every three trips or 90 miles.

### Solution

The decision to move one truck to a BlockBuster was made in November of 2013. In March of 2014, the garage reported the BlockBuster lasting **9X** longer than the plows running steel blades and plow guards. During the spring of 2014, Ohio Department of Transportation District 12 installed five additional BlockBuster Blade Systems.

*"We have been running the BlockBuster on concrete in heavy snow areas with multiple events. It can last an entire season. No other product we have tried can last that long on concrete."*

— Tom Henderson, Garage Superintendent

### 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 Minnesota Department of Transportation

### SAVINGS ANALYSIS 4X Wear Life

#### Cost Savings Per Truck

**\$740**

#### District 12 Garage, 16 Trucks

**\$11,840**

#### Ohio DOT, 100 Trucks

**\$74,000**

NOTE: Does not include downtime cost. Ohio Department of Transportation, District 12 has 16 plows in its fleet. 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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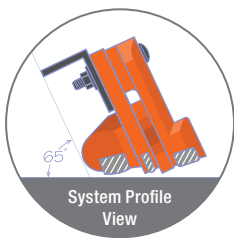
**Carbide** | Steel | Rubber

UPDATED 11.01.22

## BlockBuster Cutting Edge

\* 4' Carbide Blade – Part No: BBH3041223UNIV

\* 3' Carbide Blade – Part No: BBH3031223UNIV

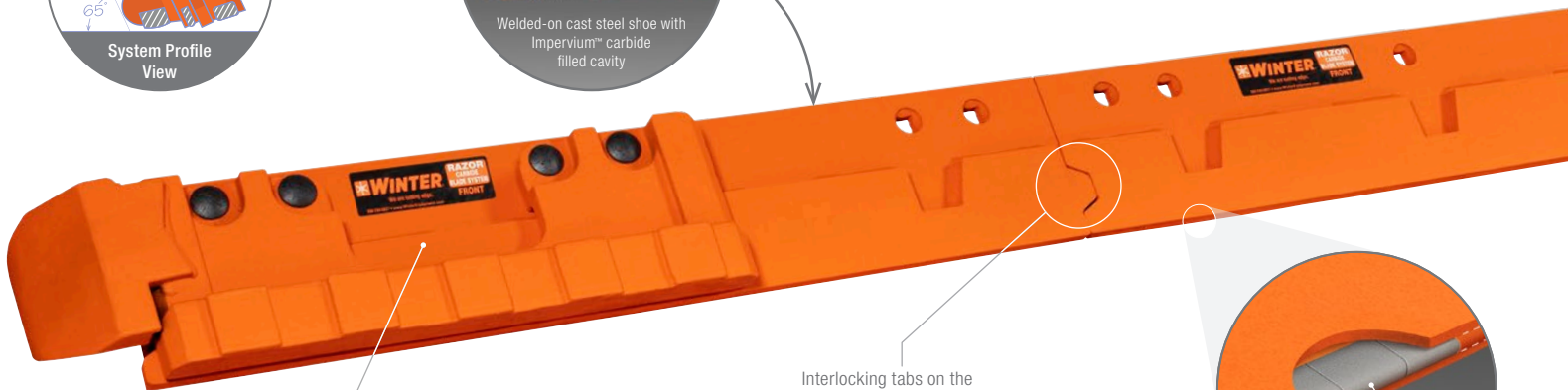


System Profile View



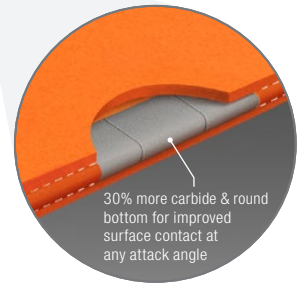
Blade Back Moldboard Shoe

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

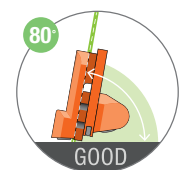
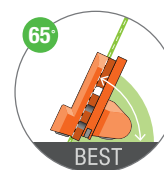
#### ANGLE OF ATTACK

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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 **WINTER**  
The Snowplow Wear Parts Experts