# CASE STUDY Delaware County Ohio

Reviewed and written by Winter Equipment Company



## **JOMA by Winter System**

The original DOT-rated articulating snowplow blade system with carbide inserts.



# \$2,329 County Savings Per Season—Truck A \$37,257 Potential Savings for Fleet

NOTE: Delaware County will equip their remaining 15 trucks with Joma Systems. Their potential savings per season will be \$37,256.80. 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.

### Challenge

Delaware County, Ohio experiences an average of 14 snow events in a 5 month plowing season. The county roads are made of asphalt, chip seal, and concrete and make up 350 miles of road. The roads feature obstacles such as water cut-offs, manhole covers and bridges. At the sight of the first snowflake, the crew is out. The roads must be cleared to the surface 100% of the time. The county's previous set up included  $6" \times 3/4"$  steel blades that required a change out every 8 hours.

### The Switch to Joma

Delaware County purchased its first Joma System in 2009. The county is now experiencing an average of 4.5 seasons before changing its blades. Since then, it hasn't had to do any weld repairs on the plows. In addition to reducing its blade changes, it has cut down on salt and brine usage. Drivers report that the Joma eliminates vibration, therefore they no longer experience driver fatigue and also save on truck maintenance. The Joma cuts through packed snow and ice, clearing as the county requires.

"Anyone who doesn't run them, they're goofy. No one else has a better product than yours."

Chris McGrew, Lead Mechanic, Delaware County, Ohio

### **Key Advantages**

The Joma is a carbide insert blade encased in rubber. The rubber allows the carbide blade sections to articulate to the road surface. The design cuts through packed snow and ice, keeping the roads clear to the surface. The Joma is also a "quiet" blade which minimizes vibration that causes driver fatigue and premature truck damage.



# **JOMA by Winter System**

The "Original" articulating snowplow blade.





Profile View

Rear View

### **FEATURES & BENEFITS**

### **Increased Blade Life**

Carbide insert castings encased in rubber contours to the road, clearing to the surface.

### **High Wear Protection**

Two Joma CurbRunner® Guards protect against premature wear while allowing the blade to articulate appropriately.

### **BEST USED**









Roads: Highways, concrete, asphalt

Speed: High speed

Plow Type: Front reversible, one-way,

wing and tow plows Angle of Attack: 65° - 75°

### **Road-Friendly Protection**

Articulation protects the road surface.

### **Exclusive Support**

Carbide backer blades promote maximum performance.

### Safe Installation

Sectional blades replace dangerous full-length cutting edge.

### **Affordable Replacement**

Joma blades, guards and hardware are included in the replacement system.

### FREE freight! Arrives in an easy-to-inventory crate.

### **ONE PART NUMBER INCLUDES:**

Three Joma Blade Sections

Three Carbide Insert Backer Blades

Two Joma CurbRunners

Three Joma Clamp Bars

Grade 8 Hardware





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### **Our quality impacts and protects what** matters most, people! Call us today.

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