

**DRAGO CERTIFIED PARTS**

***IT PAYS TO KEEP YOUR DRAGO ALL DRAGO.***

***NO OTHER CORN HEAD WORKS LIKE A DRAGO  
OR IS BUILT TO LAST LIKE ONE.***



***DRAGO***



**DRAGO CORN HEADS  
AREN'T JUST BUILT TO  
WORK BETTER, THEY'RE  
BUILT TO WORK LONGER.**

## **QUALITY PARTS AND PRECISION ENGINEERING ADD YEARS OF PRODUCTIVITY AND SAVINGS.**

*Drago corn heads are known for their harvest efficiency. From their self-adjusting deck plates and aggressive gathering chains, to their longer knife rollers and lower profile, Drago corn heads outperform every other brand in the field.*

*Producers have learned Drago outlasts other brands, too.*

### **DURABILITY LIKE NO OTHER**

*Durability and performance are so important that Olimac – the global manufacturer of Drago corn heads – builds and tests virtually every mechanized part onsite in their own plant.*

*No other brand engineers more precision or more quality into its parts and components.*

*This exceptional focus on quality explains why Drago parts last so long – and why other brands fall short of the expectations of those who buy them.*

### **WE'RE NOT IN THE CORN HEAD BUSINESS TO SELL PARTS**

*There's certain irony that the No. 1 reason growers choose a Drago corn head is to harvest maximum yield, while the leading reason producers choose a full-line brand corn head is parts availability.\**

*Drago parts are engineered to be more durable and wear longer, so fewer replacement parts are needed and less maintenance time is required. Exceptional performance and reliability are difficult concepts to communicate to those who have little brand experience outside their full-line OEM.*

# WHEN YOU KNOW THE QUALITY WE PUT INTO OUR KNIVES, YOU CAN IMAGINE HOW THE REST OF THE CORN HEAD IS BUILT.

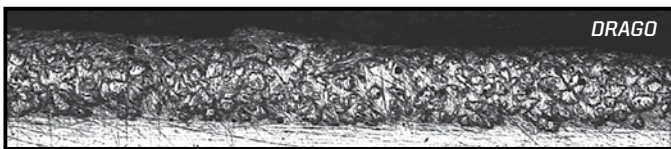
Along with understanding the value of harvest efficiency, Drago knows the importance of harvest dependability. It's why Olimac continually looks for innovations and technologies that can improve the performance and durability of the corn heads it builds.

## LASER-APPLIED TUNGSTEN

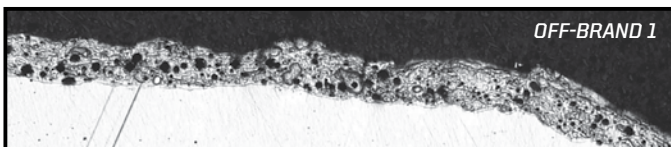
One technology investment includes using robotic lasers to apply tungsten to Drago knife roller and chopper blades. Called EnduraClad™, the process applies more tungsten, more evenly – and more consistently – than any other brand.

Literally, EnduraClad is cutting-edge technology that makes Drago knives significantly superior in performance and durability compared to off-brand knives – full-line brand knives, too – and we can prove it.

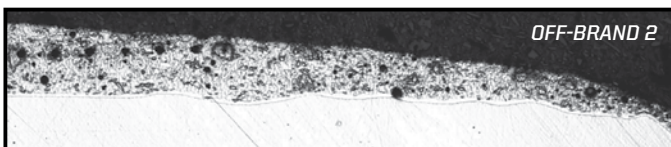
Metallurgical tests on off-brand knife roller blades reveal inferior metals and slip-shod manufacturing. What is labeled as a “tungsten carbide hard-faced” replacement knife is actually low-grade steel with a minimal, spotty application of tungsten stuck on with adhesives.



Drago blade with laser-applied tungsten edge.



Off-brand blade 1 with adhesive-applied tungsten edge.



Off-brand blade 2 with adhesive-applied tungsten edge.

Metallurgical comparisons show the laser-applied tungsten carbide edge on Drago blades has more material, more evenly applied, compared to the adhesive-applied tungsten edge on off-brand blades. As a result, Drago knives last three times longer than off-brand blades.

In many cases, the tests showed the off-brand blades actually carried more adhesive than tungsten.

## DRAGO BLADES LAST 3X LONGER

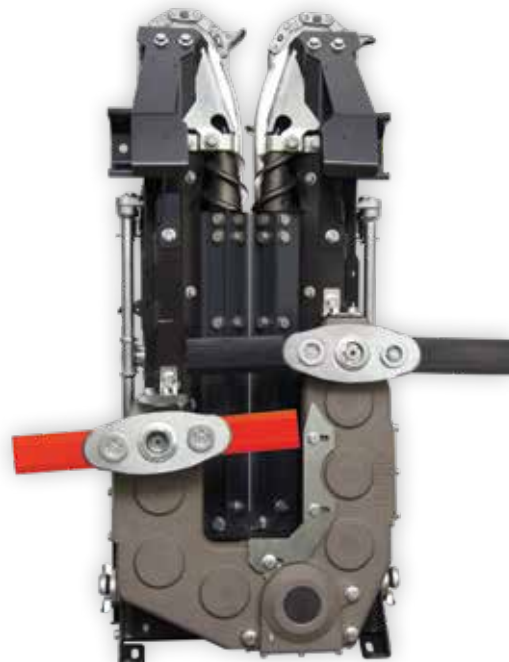
By comparison, Drago knives feature a higher-quality steel with a thicker, consistent coating of laser-applied tungsten that is proven to outlast and outperform cheaper off-brand blades multiple times over.

In on-farm trials, Drago knife roller blades lasted three times longer than off-brand blades – meaning you'll use three off-brand blades for every Drago blade used for the same job.

The trials demonstrate Drago blades are significantly more economical in the long run.

## DRAGO CHOPPING BLADES

Drago chopping blades are made with the same high-quality steel and EnduraClad tungsten carbide edge as our knife roller blades. More tungsten, more consistently applied, delivers a significantly longer life than off-brand chopping blades.



TWIN-CHOP OPTION

# WHAT DO OFF-BRAND BLADES REALLY COST?

On-farm trials demonstrate Drago brand knife roller blades – with their higher-quality steel and laser-applied tungsten carbide edge – last three times longer than off-brand replacement options. Along with the initial cost

of buying multiple blades, is the cost of labor to replace them. Considering total labor and materials, the real cost of choosing off-brand blades is significantly higher than Drago brand blades.

**FIGURE 1: SAVINGS ADVANTAGE OF DRAGO KNIFE ROLLER BLADES VS. OFF-BRAND REPLACEMENTS/ROW UNIT**

KNIFE BRAND	COST OF BLADES PER REPLACEMENT CYCLE*	COST OF LABOR PER REPLACEMENT CYCLE**	REPLACEMENT CYCLES OVER SAME PERIOD***	REPLACEMENT COST OVER SAME PERIOD
DRAGO	\$361.00 / ROW UNIT	\$86.25 / ROW UNIT	1	\$447.25
OFF-BRAND	\$288.00 / ROW UNIT	\$86.25 / ROW UNIT	3	\$1122.75
<b>DRAGO SAVINGS/ROW UNIT</b>				<b>\$675.50</b>

\*Prices subject to change.

\*\*Labor cost estimated .75 hour @ \$115/hr./row unit.

\*\*\*On-farm trial showed Drago blades last 3X longer than off-brand blades. Individual results may vary.

**FIGURE 2: SAVINGS ADVANTAGE OF DRAGO KNIFE ROLLER BLADES VS. OFF-BRAND REPLACEMENTS/CORN HEAD**

ROW UNITS	4	6	8	10	12	16	18
<b>DRAGO COST ADVANTAGE*</b>	<b>\$2,702</b>	<b>\$4,053</b>	<b>\$5,404</b>	<b>\$6,750</b>	<b>\$8,106</b>	<b>\$10,808</b>	<b>\$12,159</b>

\*On-farm trial showed Drago blades last 3x longer than off-brand blades. Individual results may vary. Savings include replacement blades and labor costs. See Figure 1.

## OFF-BRAND BLADES MAY LOOK THE SAME, BUT PERFORM MUCH DIFFERENTLY

These images compare a Drago knife roller blade with EnduraClad to an off-brand replacement blade from row units that have run through 500 acres/row. The off-brand replacement blade (lower image) has worn through its useful life, while the Drago blade has hundreds of acres of harvest-life left – thousands of acres on the corn head overall. Drago blades deliver more acres, fewer replacements and a lower overall cost.



# DRAGO GATHERING CHAINS ARE BUILT TO WORK AND MADE TO LAST.

As with other off-brand replacement parts, gathering chains can look the same, but they sure don't last the same.

Drago gathering chains are built specifically for Drago corn heads. That means you get the highest-quality materials – built to precise tolerances – for optimum performance and durability.

You get a gathering chain that runs twice as long as its off-brand replacements.\*\*

Metallurgical comparisons show Drago gathering chain pins are the hardest in the industry – the hard chrome coating itself is 20-40% thicker than the leading off-brand options. This combination delivers thousands more acres of performance compared to off-brand replacement options and saves \$125/row in replacement costs.\*\*\*

## BAD CHAINS WEAR SPROCKETS, TOO

With their softer pins and inconsistent amounts of hardened chrome, off-brand gathering chain pins and

rollers create more friction and run hotter. Along with reducing the life of the chain, the added friction wears through the sprockets they run on, too. (See sprocket images below).



**SPROCKET WEAR WITH DRAGO GATHERING CHAINS**

Drago gathering chains feature harder pins and more hardened chrome compared to off-brand replacements. After running 20,000 acres with just two sets of Drago gathering chains, wear between sprocket teeth is minimal.



**SPROCKET WEAR WITH OFF-BRAND GATHERING CHAINS**

This sprocket ran 14,000 acres with a Drago gathering chain, 7,000 acres with an off-brand replacement, followed by 3,000 acres with yet another off-brand. Wear between sprocket teeth is noticeably heavy.

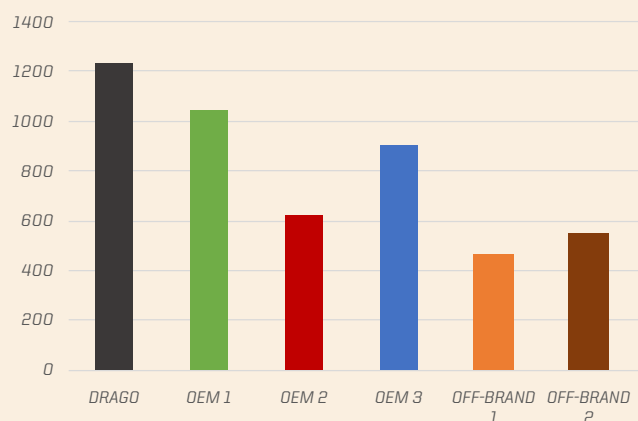
## DRAGO PARTS QUALITY EXCEEDS INDUSTRY COMPETITION.

Drago quality isn't just higher than the leading off-brand parts, it's higher than similar OEM brand parts, too. Along with higher-quality steel, metallurgical tests revealed that the tungsten coating on our blades is denser and more consistently applied than those of either John Deere or Case IH.

Tests showed that the coating on Drago blades is 50% more consistent than the next closest competitor. An even and consistent tungsten coating is important because it reduces areas of "weak spots" that are subject to faster wear. In other words, the durability of a blade is only as good as its weakest point.

Any brand can talk about the quality they build into their corn heads – Drago can prove it.

### AVERAGE BLADE EDGE HARDNESS



\*\*Actual on-farm performance. Individual results may vary.

\*\*\*Calculation based upon parts and labor expenses to replace one set of Drago chains or two sets of off-brand chains. Labor costs/row: \$28.75; parts cost: Drago - \$222.84/row, off-brand competitor - \$159.95/row.

# **CONFIDENCE IN AVAILABLE PARTS AND KNOWLEDGEABLE SERVICE.**

## **WE GUARANTEE IT.**

*Drago corn heads are built to last, but when service is needed, having a complete and available supply of parts at Dragotec USA is a priority.*

*We are so confident of Drago parts supply, in fact, that if you break down while harvesting and the Drago part you need is not available from any of our North American distribution centers – including your local authorized Drago dealer, regional part hubs or our North American headquarters – the replacement part and shipping are free.*

*We call it the “We’ve Got Your Back” parts guarantee. And as amazing as our parts guarantee may be, no one has ever used it.*



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Dragotec USA  
3701 30th Ave  
Fenton, IA 50539  
(888) 789-2723  
[dragotec.com](https://www.dragotec.com)