

Bow Report

By Rachael Reginek (age 12)
& Bill Krenz (not telling)

Mathews Ignition

My co-author for this Bow Report is my 12-year-old granddaughter, Rachael Reginek. Who better to help me report on a bow designed specifically for young archers?

In spite of her tender age, Rachael is no novice to archery. She began shooting when she was three, and this is her fourth bow in nine years. She's also a straight-A student, a competitive dancer and is outspoken—like only a 12-year-old can be—about everything. She's also a bit of a rascal. She added the “not telling” by my name above when I wasn't looking. All told, she's perfectly qualified to help me test and write about the new-for-2007 Mathews Ignition.

Rachael's comments will appear in *italics*, providing insights into a young girl's point of view on new bows.

The first thing I want in a new bow is that it is pretty. Some of my bows are camouflage, and that can be pretty too. I do have a camo skirt. My new Mathews Ignition has satin black limbs and a shiny Black Cherry riser. This Ignition is more than pretty. It's gorgeous. The riser is magenta-colored with hints of red and black. I also like the strings. They're magenta and black too, and match the riser perfectly.

In addition, it's very important to me that a bow be comfortable to draw and easy to hold up while I am aiming. It's no fun when a bow is too heavy, either to pull back or to hold out at arm's length. The new Ignition weighs less than 3 pounds. I like that a lot. We adjusted the limbs on this Ignition so that the draw weight was 25 pounds. That felt perfect for me. This particular bow will go up to 30 pounds, so there's room for me to get stronger.

I also like a bow with a comfy grip and one that is able to accept the sight and arrow rest I want to use. The walnut competition grip on the new Mathews Ignition is very comfortable and doesn't make my hand sweat, even

after I've been shooting for awhile. I like a bright fiber-optic sight and a Whisker Biscuit arrow rest. The Ignition is drilled and tapped for both. It also has a brass stabilizer insert.

It's clear that looks, comfort and accessory-capability are at the top of Rachael's list of desirable new-bow features. In stocking and selling youth bows, it's a good idea to keep all of that in mind.

The new-for-2007 Ignition is the very first high-performance youth bow to be offered by Mathews. It's scaled down to fit smaller hands, but incorporates nearly everything found on an adult Mathews bow, including such high-tech features as a precisely machined aluminum riser, Mathews single-cam technology, a smooth ball-bearing idler wheel, String Suppressors, a walnut competition grip, a carbon cable guard rod, composite limbs and state-of-the-art Zebra Hybrid bowstrings. Never mind that this is a youth bow, the new Mathews Ignition is enough bow to spoil anyone.

Features and Benefits

LOOKS LIKE AN ADULT BOW

It's important to me that my bow has everything that everyone else's bow has. I've had little-kid bows, and those were fine at the time, but now I want a better bow. The Mathews Ignition looks and shoots just like my Grandpa's bow. When we shoot together, I'm happy because we can stand side-by-side and shoot at the same target. That's cool, and so is the Ignition.

On top of a host of high-tech features, the Mathews Ignition is available in Realtree Hardwoods HD Camo or bright and bold Black Cherry or Blue Berry anodized finishes.

ADVANCED ONE-CAM TECHNOLOGY

Like all Mathews bows, the new Ignition features incomparable Mathews single-cam technology. This is not a lesser eccentric system. It's scaled



RACHAEL REGINEK LIKES THE BRAND-NEW MATHIEWS IGNITION. I FOUND THE IGNITION ESPECIALLY SMOOTH, COMFORTABLE AND FAST.



YOUNG SHOOTERS CAN BE VERY PARTICULAR ABOUT HOW A NEW BOW LOOKS AND PERFORMS. THE NEW MATHIEWS IGNITION LOOKS GREAT AND SHOOTS EVEN BETTER.



Specifications

Mathews Ignition

Axle-to-Axle Length	31.4 inches
Brace Height	6.5 inches
Riser Geometry	1.9 inches reflex
Physical Weight	2.9 pounds
Letoff	65%
Draw Lengths	19-26 inches
Draw Weights	20#, 30#, 40#, 50#
Finish	Black Cherry, Blue Berry, Realtree Hardwoods HD

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down, but it's smooth, forgiving and packed with power. *I love how smoothly the Ignition draws and lets off. It doesn't jerk my arm, and that feels comfortable to me. I also think it helps me shoot better. Another thing that stands out is that the Ignition is much faster than any of the other bows I've ever shot. I can now reach even the longer targets.*

MATHEWS STRING SUPPRESSORS

I like quiet bows. They don't annoy me when I shoot. And if I ever hunt with this bow, quiet is good, or so my Grandpa tells me. Mounted on each limb tip of the Ignition are Mathews String Suppressors. String Suppressors are ultra-quiet bowstring bumpers that grab and dampen bowstring noise and vibration like magic. They help the wonderfully designed Ignition shoot with barely a whisper.



SHOOTING THE NEW-FOR-2007 MATHEWS IGNITION CAN BE AN EYE-OPENING EXPERIENCE FOR ANY YOUNG SHOOTER. THE NEW IGNITION HAS ALL OF THE FEATURES OF THE BEST ADULT BOWS. I SHOT BETTER WITH THE IGNITION.

MACHINED RISER AND WALNUT GRIP

The riser on the Mathews Ignition is as high-tech and state-of-the-art as any other Mathews riser. It's precisely machined aluminum and beautifully finished. *The Black Cherry finish on my Ignition is really smooth and colorful. It almost glows when it catches the sunlight, and I like that. There aren't any sharp edges, and that's good too. It's obviously very well made.* Integrated into the riser is the same sort of high-quality walnut competition grip found on most Mathews bows. It's warm, classy and comfortable. *I like the grip. It's just the right size for my hand, and it feels so smooth and comfortable. Girls don't like to sweat a lot, even when it's hot outside. The Ignition's grip feels cool and clean.*

ZEBRA HYBRID STRINGS

In keeping with the theme of the quality components, the new Mathews Ignition sports Zebra Hybrid strings made with a precise blend of Vectran and HMPE. They're anti-stretch and extra durable. *As far as I'm concerned, these are the prettiest bowstrings in the world. They match the rest of the bow, and I like how they're waxed and how tightly they're twisted so they hold my peep sight in place.*

FORGIVING BOW GEOMETRY

A number of factors contribute to how any bow shoots. The new Mathews Ignition is a high-performance youth bow that is especially forgiving. The riser is reflexed just enough (1.9 inches) to deliver good arrow speed, but not so much as to make the setup overly critical. The bow's generous 6.5-inch brace height boosts that forgiveness even more. *I shot better with the new Ignition. I think that's because of a whole lot of things, including a smooth draw, a comfortable grip, very little shot noise or vibration and the fact that the Ignition is so much fun. The new Mathews Ignition is a way cool bow.*



BEYOND ALL THE FEATURES AND BENEFITS, A YOUTH BOW MUST BE FUN. I'D SAY THE NEW MATHEWS IGNITION IS A WAY COOL BOW.



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