### 2003 Bow Specifications Chart

<table>
<thead>
<tr>
<th>Model</th>
<th>HO Rating (FPS)</th>
<th>AMO Rating (FPS)</th>
<th>Cam(s)</th>
<th>Draw Length</th>
<th>Draw Weight</th>
<th>Axle-to-Axle Length (inches)</th>
<th>Brace Height (inches)</th>
<th>Riser Length</th>
<th>Physical Weight (Approx.)</th>
<th>Lift (%):</th>
</tr>
</thead>
<tbody>
<tr>
<td>LX*</td>
<td>315</td>
<td>238</td>
<td>High Performance Cam</td>
<td>25 - 30 High-Sizes</td>
<td>40 - 70</td>
<td>30&quot;</td>
<td>5&quot;/&quot;</td>
<td>24.5&quot;</td>
<td>4.25 lbs.</td>
<td>60**</td>
</tr>
<tr>
<td></td>
<td>317</td>
<td>240</td>
<td>Legacy Straightline MacCam 3</td>
<td>24 - 30 High-Sizes</td>
<td>40 - 70</td>
<td>34&quot;</td>
<td>7&quot;/&quot;</td>
<td>29&quot;</td>
<td>4.35 lbs.</td>
<td>70**</td>
</tr>
<tr>
<td>Icon*</td>
<td>300</td>
<td>230</td>
<td>Concentric SoloCam</td>
<td>24 - 30 High-Sizes</td>
<td>40 - 70</td>
<td>33&quot;</td>
<td>7&quot;/&quot;</td>
<td>25&quot;</td>
<td>4.45 lbs.</td>
<td>70**</td>
</tr>
<tr>
<td>SQ2*</td>
<td>305</td>
<td>230</td>
<td>Straightline MacCam2™</td>
<td>23 - 30 High-Sizes</td>
<td>40 - 70</td>
<td>31&quot;</td>
<td>8&quot;/&quot;</td>
<td>19&quot;/&quot;</td>
<td>3.7 lbs.</td>
<td>70**</td>
</tr>
<tr>
<td>Q2*</td>
<td>308</td>
<td>235</td>
<td>Straightline MacCam2™</td>
<td>23 - 30 High-Sizes</td>
<td>40 - 70</td>
<td>34&quot;</td>
<td>7&quot;/&quot;</td>
<td>23&quot;</td>
<td>4 lbs.</td>
<td>70**</td>
</tr>
<tr>
<td>Q2XL*</td>
<td>308</td>
<td>235</td>
<td>Straightline MacCam2™</td>
<td>24 - 31 High-Sizes</td>
<td>40 - 70</td>
<td>38&quot;</td>
<td>7&quot;/&quot;</td>
<td>27&quot;</td>
<td>4.3 lbs.</td>
<td>70**</td>
</tr>
<tr>
<td>Conquest 3*</td>
<td>310</td>
<td>236</td>
<td>MaxCam</td>
<td>28 - 32</td>
<td>40 - 70</td>
<td>41&quot;</td>
<td>7&quot;</td>
<td>27/&quot;</td>
<td>4.4 lbs.</td>
<td>60**</td>
</tr>
<tr>
<td>Ultra 2*</td>
<td>320++</td>
<td>245</td>
<td>MaxCam Mini MacCam Super Soft</td>
<td>28 - 30</td>
<td>40 - 70</td>
<td>30&quot;</td>
<td>6&quot;/&quot;</td>
<td>17&quot;/&quot;</td>
<td>3.7 lbs.</td>
<td>60**</td>
</tr>
<tr>
<td>Black Max 2*</td>
<td>330-330-340++</td>
<td>252</td>
<td>Black MacCam</td>
<td>25 - 30</td>
<td>40 - 70</td>
<td>30&quot;</td>
<td>5&quot;/&quot;</td>
<td>17&quot;/&quot;</td>
<td>3.5 lbs.</td>
<td>60**</td>
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<td>FX</td>
<td>308</td>
<td>235</td>
<td>MaxCam Mini MacCam</td>
<td>27 - 31</td>
<td>40 - 70</td>
<td>34&quot;</td>
<td>7&quot;/&quot;</td>
<td>19&quot;/&quot;</td>
<td>3.3 lbs.</td>
<td>60**</td>
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<tr>
<td>Sportsman Adequate</td>
<td>Adequate Cam</td>
<td>20 - 32</td>
<td>40 - 70</td>
<td>24&quot;</td>
<td>7&quot;/&quot;</td>
<td>16/&quot;</td>
<td>2.3 lbs.</td>
<td>—</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All Mathews bows come with a weight adjustment range of 10 lbs. (down). All have standard burger button, sight, and stabilizer holes. The cable slider on each model is a special nonsqueak Teflon® composite. The limbs are Slimline™ laminated and come with an original owner lifetime warranty. The machined aluminum limb cups totally contain the limb butts and pivot with the limbs, so no matter what the draw weight, the limbs are always firmly contained within the cup. High inertia limb cups are also available at an additional charge.

*Features Harmonic Damping System*

**These cams are all officially Pope & Young Club legal**

---

**Catch us if you can!**

919 River Road, P.O. Box 367, Sparta, Wisconsin 54656
(608) 269-2728
www.mathewisinc.com
ince its inception in 1992, and starting with single cam technology, Mathews has been responsible for a multitude of innovations that have not only enhanced performance by quantum leaps, but have also reduced complexity.

“...the essence of engineering is to make something function better while also making it simpler.”

There is no questioning the pure simplicity of the single cam bow. Subtracting that last cam resulted in an impressive list of advantages (additions) that have all but rendered the two cam bow obsolete!

- Most efficient (highest efficiencies ever documented)
- Faster
- More accurate
- More forgiving
- Solid wall
- Less maintenance (than any 1 1/2 cam or two cam bow – GUARANTEED!)
- Less noise
- Less recoil, vibration
- No synchronization problems

...machines that are first invented to perform any particular task are always the most complex, and succeeding artists generally discover that, with fewer wheels the same effects may be more easily produced.

A long list of performance-enhancing innovations

The whole idea is to get the arrow to the target as quickly and accurately as possible with the least amount of effort and the least amount of recoil vibration and noise.

Step by step, innovation by innovation, Mathews has ascended the proverbial “Performance Mountain” arguably reaching the summit with the all new Mathews LX.

“To improve is to change; to be perfect is to change often.”

Add the HP (High Performance) Single Cam and V-LOCK™ Zero Tolerance Limb Cup System to the list. For 2003, Mathews has two more advancements to add to the already impressive list of functionally relevant, performance-enhancing innovations. First, the new LX features the HP (High Performance) Single Cam. This is the least complex, most advanced cam ever made. This straight line, high let-off cam is smooth overall and smoother still!

Second, the V-LOCK™ Zero Tolerance Limb Cup System assures that each limb locks into place. It’s the most reliable, most dependable and most accurate limb system there is.

...the companies that succeed will be those that obsolete their own products before somebody else does.”

Innovation after innovation after innovation... ...leads to win after win after win!

After all is said and done, the ultimate proving ground is competition. The results speak for themselves...

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<th>Wins:</th>
<th>43</th>
<th>vs.</th>
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<td>Top 3s:</td>
<td>128</td>
<td>vs.</td>
<td>16</td>
</tr>
<tr>
<td>Top 5s:</td>
<td>205</td>
<td>vs.</td>
<td>35</td>
</tr>
<tr>
<td>Top 10s:</td>
<td>404</td>
<td>vs.</td>
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*All ASA & IBO Men’s Pro, Women’s Pro, Senior Pro and Limited Pro events in 2002.*

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*All ASA & IBO Men’s Pro, Women’s Pro, Senior Pro and Limited Pro events in 2002.*
Does everybody shoot a Mathews?

A. “Twenty-seven years of shooting compound bows… I’ve found nothing smoother, quieter or faster than my Mathews.”

B. “I’ve shot about every brand of bow but Mathews is the last brand I’ll shoot.”

C. “I thought the Q2 was as good as a bow could get, then Mathews comes out with the Legacy... it just keeps getting better.”

D. “Even if I wasn’t a fanatic bowhunter I’d find time to shoot my Mathews every day – it’s that much fun to shoot.”

E. “Nobody is harder on equipment than me and I’ve never had a problem with a Mathews bow.”

F. “Dynamic efficiency is the all important measure of a bow’s performance. Mathews bows consistently demonstrate higher dynamic efficiency.”

G. “On my wilderness hunts I need gear tough as a grizzly. That’s why I shoot a Mathews.”

H. “Without a doubt, Mathews is the quietest bow ever!”

I. “The String Suppressors and Roller Guard are the greatest inventions since single cam technology!”

J. “In the past I supposedly shot some of the best bows made but, honestly, nothing compares to a Mathews.”

K. “Even at low poundage, my Mathews is quiet and fast. It’s the best bow I’ve ever shot.”

L. “… the fastest, most forgiving and accurate bow I have ever shot. From Idaho to Alabama it performs like a champ.”

M. “I’m going to shoot the bow I shoot best. I shoot a Mathews better than anything else.”

N. “Quiet and ultra-dependable. That’s a Mathews bow.”

O. “The quiet performance, consistent accuracy and unmatched reliability that I depend on from my Mathews bow was proven once again.”

P. “After 15 years of applications, months of preparation and days of gut wrenching climbs in extraordinary weather, it all comes down to one shot. There’s only one bow I’d trust with that responsibility, Mathews!”

Q. “My Mathews is, without a doubt, the most dependable and the most accurate bow I’ve shot in my 25 years of bowhunting.”

R. “Yet another ‘great whitetail adventure’ culminates with a perfect shot from my Mathews.”

S. “I’m a pilot and in the aviation industry we’ve said that Douglas brought the technology while Boeing built the airplanes. In archery, one company does both. Mathews.”

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U. “A Mathews bow is like a good marine, ALWAYS FAITHFUL.”

V. “When I draw down on dangerous game, confidence is everything. That’s why I shoot a Mathews.”

W. “Over the years my Mathews bows have seen a lot of abuse… knocked over, stepped on, even dropped out of a tree. I’ve never even had to resight my bow…”

X. “When it comes down to making that critical shot I can always trust my Mathews.”

Y. “This picture is my 1000 words… Mathews is a great shooting bow.”
The Mathews LX features the new **HP (High Performance) Single Cam** – it’s the **LEAST COMPLEX, MOST ADVANCED** cam ever engineered! It’s superior to every cam we’ve ever tested (other single cams, 1½ cams; two cams). Everything. Bar none!

### NEW!

- **V-LOCK™ Zero Tolerance Limb Cup System** (reliable, dependable and accurate)
- **HP (High Performance) Single Cam** (smooth and fast)
- **String Suppressors™** (mutes string vibration)
- **Ball Bearing Roller Guard** (less friction than cable rod)
- **Parallel Limb Design** (absorbs shock vibration)
- **Perimeter Weighted Technology™** (increases speed while reducing recoil, weight)
- **Zebra® ZS Twist™ Bowstring** (virtually no peep rotation)
- **Ball Bearing Roller Guard** (less friction)
- **Ball Bearing Single Cam Technology** (the “franchise” innovation)

The new **HP (High Performance) Single Cam**

*This smooth-shooting, straight-line, high let-off single cam is smokin’ fast!* When it comes to describing a cam, you’ve probably never heard “smooth-shooting,” “straight-line” and “high let-off” used in the same sentence as “fast.” The new HP (High Performance) Cam from Mathews changes that. This exquisitely engineered cam is, apples to apples (brace height and draw weight being equal), the fastest cam we’ve ever tested.

### Zero Tolerance Limb System

Believe it or not it’s more reliable, more dependable and more accurate than our long-standing tournament-proven, highly successful limb cup system that it replaces.

The perfectly machined V-shaped “limb pocket” precisely guides the V-shaped limb into place where it locks in for a perfectly snug, zero-tolerance fit. This is the most reliable, most dependable, and most accurate limb cup system ever devised!

### String Suppressors™

Zebra “ZS” Twist bowstring (the string that won over $2,000,000)

### V-LOCK™ Zero-Tolerance Limb Cup System

Over-sized perimeter weight (reduces recoil)

### Parallel Limb Design

**Caption:** The perfectly machined V-shaped “limb pocket” precisely guides the V-shaped limb into place where it locks in for a perfectly snug, zero-tolerance fit. This is the most reliable, most dependable, and most accurate limb cup system ever devised!

*We built the world’s first “cam and a half” system way back in February of 1993. Our testing proved it to be inferior to the single cam.*
How good is the Mathews Legacy?
Consider that it has been the hottest selling bow Mathews has ever made.
How good is that!

Why is the Mathews Legacy so hot?
It is the Mathews bow that introduced four more advancements or enhancements to what was already the most innovative line of bows made.

1. An over-sized perimeter weight for even more recoil reduction
   The Mathews Legacy StraightLine MaxCam is equipped with an Inertia DISC™ that is nearly twice as heavy as previous perimeter weights. When this disc takes a ride around the outside of the cam (in opposition to the limbs), it transfers serious reduction in recoil.

2. Ball Bearing Roller Guard zaps unwanted friction
   Friction is a bad thing when it comes to the performance of a bow. The traditional cable guard kept the cables out of the way by forcing them to slide along the rod. This created friction. The Riser Guard keeps cables away by rolling them through a pair of machined wheels. This reduces friction and ultimately wear on the string and cable.

3. String Suppressors™ stifle the string
   Perimeter-weighting counteracts recoil. Harmonic Damping quells riser vibration. Parallel Limb design reduces limb vibration. What’s left? The “ringing” vibration caused by the bow string. Now it’s stilled, too! String Suppressors reach out and touch the string, so upon release, string vibration is subdued.

4. Parallel limbs that are even more parallel
   It’s a fact of physics that as bow limbs approach parallel, their vibration is cancelled out. The limbs on the Mathews Legacy are even more parallel than previous models. And, more parallel means more vibration cancellation. We are the pioneer of parallel limb design!

The Mathews Legacy is also available in four flavorful colors.

Root Beer     Blueberry     Kiwi      Black Cherry
The Icon’s Concentric SoloCam® mirrors the shape of the idler wheel for consistency and accuracy.

Keep it short and to the point with this 31” powerhouse.

One of the best selling Mathews bows of all time.

Conquest 3

The third generation of the Mathews model that has won more tournaments than any other bow in history.

Q2XL

Prefer a longer bow? The 38” Q2XL still delivers.

The quickness of a rattlesnake without the rattle.

SQ2

The third generation of the Mathews model that has won more tournaments than any other bow in history.

V-Lock Limb System

Harmonic Damping

Original MaxCam (standard)

Parallel Limb design (27” riser)

41” axle-to-axle (approx.)

80%, 65% or 60% let-off (approx.)

The Icon, Conquest 3 and Ultra 2 are also available in four flavorful colors.

Root Beer  Blueberry   Kiwi   Black Cherry

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Keep it short and to the point with this 31” powerhouse.
Mathews Genesis™ ensure the future of archery

“Zero let-off” means no specific draw length
Because the Genesis System™ eliminates let-off on light draw weight bows (where it’s unnecessary), there are no special draw-length requirements. The result is a bow that virtually everyone (15” to 30”) and that a young person can’t outgrow.

Performs like a bow with higher poundage
A Genesis™ bow, like all BowTech™, is available from 10 to 30 lbs. (3k), and reaches amazing speeds comparable to that of a 30-lb. recurve. With zero let-off, it has the “holding weight” necessary to “pull the string from your fingers,” making it easy to shoot.

Starter Kit includes:
- Genesis Bow, 5 arrows, quiver, arm guard and two colorful targets.
- Kit is coordinated in 6 color combinations. (also available separately)

• Kids can’t outgrow it – because there is no specific draw length
• It’s simple to buy – no need to measure or fit for draw length
• It’s easy to shoot – beginners won’t develop bad habits because the draw length is always right

You shoot the best. Now wear the best!

Old All-new lineup of Mathews and Zebra caps – show ‘em what you shoot!
One size fits all.
- Sandwich bill black cap with Velcro® adjustment
- Leather bill natural-colored cap
- Two-tone Zebra cap with Velcro® adjustment
- Camo cap (Realtree®
- A 1/4” wide satin-colored logo

Waxed cotton jacket... nice!
This classic and impressive waxed cotton jacket features a quilted plaid flannel lining, leather collar and pocket trim and an embroidered Mathews logo “trend” (left chest) and back (“40”): Sizes: S-3XL

Hooded sweatshirt... a favorite!
Everyone’s favorite. This soft-lined hooded sweatshirt will keep you warm. Wear it outside or underneath. (In bamboo.) Sizes: M-2XL

Heat-Seal Patch... put it on your own garment
Now you can put a Mathews SoloCam embroidered patch on any garment. Can be sewn-on or heat-sealed.

You shoot the best. Now wear the best!
Innovative technology and fine craftsmanship. Experience it in our bows and in our accessories.

**ArrowWeb™ Quivers**
- Adjustable grippers hold five carbon or aluminum arrows
- Machined aluminum construction for lightweight durability
- Harmonic Dampers cut up vibration and noise

**Mathews premium bow case**
Both distinctive and durable, this bow case is crafted from the very finest materials and will protect your bow from the rigors of transportation.

Two-piece: Standard, for bows longer than 39”. Compact, for bows 39” or shorter

**ZS Twist™** bowstrings...the only strings with counter-twisted strands
Our patented twist technology involves a revolutionary ZS Twist™ system.

**“Making the Shot” DVD-ROM**
Mental coach Lanny Basham and teacher Frank Pearson show you how to perform under pressure (with a bow or gun or even a baseball bat). Also available in DVD format.

**Mathews Micro Rest**
This is our lightweight, compact rest that features independent micro-adjustments, a solid double-encased bedding system, an internal spring that won’t foul or bend and a full-length safety guard. It now comes with a prop-away conversion. Size: S-3XL

**Mathews t-shirts**
100% cotton crew neck shirts. Black and white feature Mathews logos on the left front. Blue with white logo also features Mathews Genesee logo.

**Mathews shooter shirts**
What the tournament archers wear! Available in long- or short-sleeve; nylon or cotton; black or Realtree® X-tra. Sizes: M-2XL

**“Making the Shot” DVD-ROM**
Mental coach Lanny Basham and teacher Frank Pearson show you how to perform under pressure (with a bow or gun or even a baseball bat). Also available in DVD format.

**Letter jacket...show ‘em you’re arrived**
Symbol of accomplishment, this letter jacket features a heavy, 24 oz. wool body with twin chest pockets, leather-trimmed side slash pockets and the Mathews logo embroidered on front (left chest) and back (across). Sizes: S-3XL

**ArrowWeb™ Quivers**
- Adjustable grippers hold five carbon or aluminum arrows
- Machined aluminum construction for lightweight durability
- Harmonic Dampers cut up vibration and noise

Even if you’re not out hunting, let ’em know you’re thin king about it. Wear Mathews logowear.

**Zebra wins over $2,000,000 in the last 3 years. Obviously, it’s the real winners choice!**

**Carbide Harmonic Dampers**
Most everything damping sounds! These Carbide Harmonic Dampers are nearly twice as heavy as brass dampers for more vibration-stopping weight in each.

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