

Mitlen
SOLOCAN®
Catch us if you can!

MEMBER



ARCHERY MANUFACTURERS & MERCHANTS ORGANIZATION

[illegible]

The list of features just keeps getting longer!

- 
- **V-LOCK™ Zero Tolerance Limb Cup System**
(reliable, dependable and accurate)
 - **HP (High Performance) Single Cam** (smooth and fast)
 - **String Suppressors™** (stifle 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, noise)
 - **Zebra® ZS Twist™ Bowstring**
(virtually no peep rotation)
 - **AeroRiser** (lighter weight)
 - **Ball Bearing Idler Wheel**
(smooth)
 - **Ball Bearing Single Cam Technology**
(the "franchise" innovation)
- Over-performing (reduced)*

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!



V-LOCK Zero-Tolerance Limb Cup System

**100% fully-machined
AeroRiser (most of our
competitors use cheap
extruded risers)**

Harmonic Damping System™ Patented



***Black anodized
aluminum dampers***

Brass dampers
(both sets included)

Mix or match Harmonic Dampers

- Two heavier brass dampers for maximum damping
- Two lighter aluminum dampers for damping with minimal weight gain
- Or mix dampers for a custom feel
 - Carbide dampers (2x heavier than brass) also available

Harmonic Dampers

Bill Jordan's
REALTREE
Extra

Ball-bearing Idler Wheel

Patent Pending

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

One big reason Mathews wins more tournaments is tight manufacturing tolerances. And one of the most critical areas on a bow is where the limb connects to the riser. Thanks to Mathews' new V-LOCK Limb Cup System, the tolerance just got tighter!

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 system ever devised!

Aluminum limb cups – 100% fully machined (with liner)

**Perimeter
Weighted
HP Cam with
Precision
Ball Bearings**

HIGH PERFORMANCE SINGLE CAM

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.

**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.*

[illegible]

Legacy

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.

**...
the pioneer of
Parallel Limb
design!**

**Mathews Legacy
StraightLine MaxCam™ 3**

**Over-sized
perimeter weight**

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 creates 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 Roller Guard keeps cables away by rolling them through a pair of machined wheels. This reduces friction and untimely wear on the string and cable.



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 stifled, too! String Suppressors reach out and touch the string, so upon release, string vibration is reduced.

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!***

Parallel Limb Design

Root Beer	Blueberry	Kiwi	Black Cherry
-----------	-----------	------	--------------

*The Mathews Legacy is also available
in four flavorful colors.*

