



GET SERIOUS. GET HOYT.

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2012 PRODUCT GUIDE



PRESIDENTS LETTER

We are very excited to present to you our new 2012 lineup of Hoyt bows and accessories. It is both exciting and remarkable to reflect on how far Hoyt has come in 81 years since Earl Hoyt Jr. and his father started this legendary company in a small garage in St. Louis, Missouri in 1931.

In 2011, as we celebrated our 80th year anniversary, we built a new, state of the art, 150,000 square foot manufacturing facility here in Salt Lake City, Utah and further expanded our engineering and research and development laboratories. This includes the addition of new, high-tech carbon development and testing equipment to ensure that Hoyt stays on the leading edge of innovation.

Our new, custom-built facility is a massive upgrade and it continues the Hoyt tradition of keeping our precision manufacturing under our own roof, proudly in the USA. Our new home houses our state of the art CNC machine shop, precision composite limb lamination and fabrication cells, carbon production lines, custom paint and finishing booths and all final assembly and fulfillment functions. All of these are augmented by our newly expanded research and development laboratories.

Moving forward, more so than ever before, we have the most high performance manufacturing, engineering, research and development and quality assurance capabilities in place ensuring that Hoyt products exceed our customer's expectations. This new facility will enable us to push the envelope like never before and continue to bring you the most innovative, industry leading products and technologies.

We take great pride in maintaining our role as an industry leader because we, like you, are serious archers and bowhunters who demand and expect the very best in archery and bowhunting equipment.

We know you'll enjoy the new 2012 model Hoyt bows – the fastest, smoothest, highest performance bows we have ever built. As for the future, we will continue the Hoyt tradition of American made quality, performance, accuracy and innovation for the next 80 years.

Here's to your success!

Randy Walk
Bowhunter, Engineer, President

GET SERIOUS. GET HOYT.



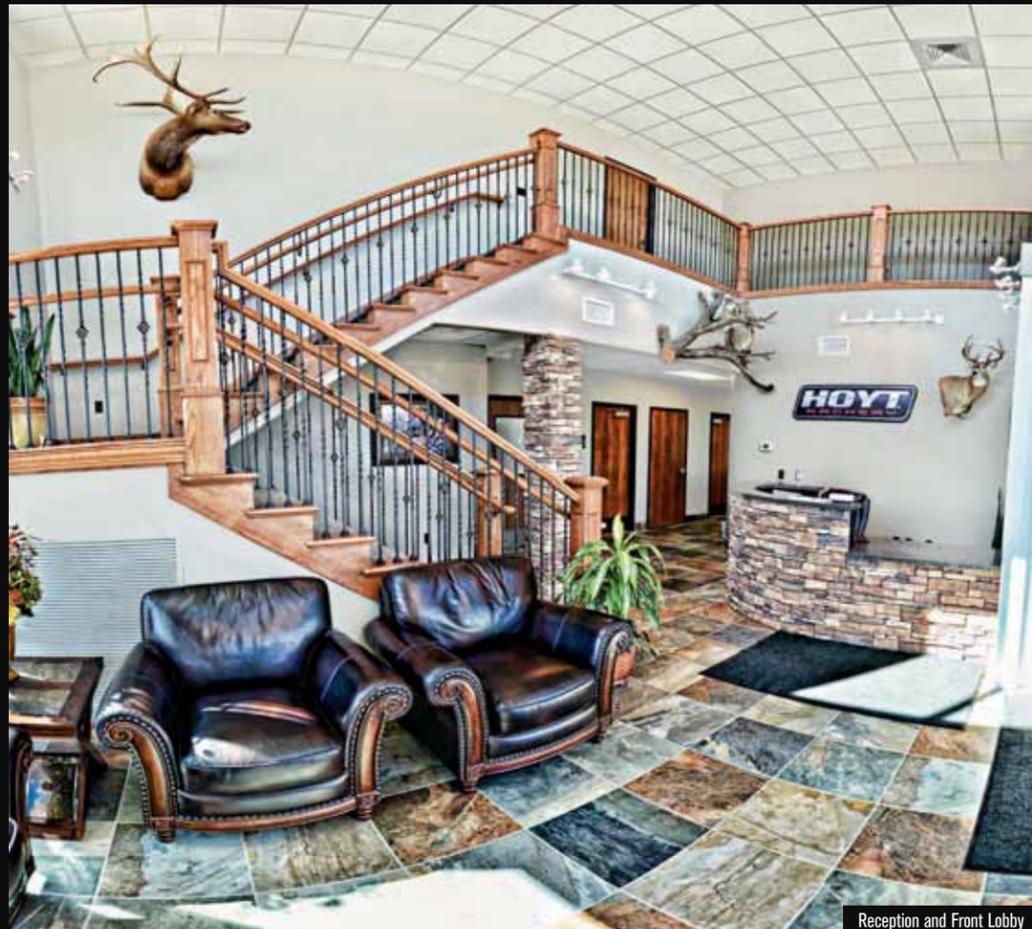
Randy Walk, President



Randy Walk, 2011 Elk



Hoyt Employee Indoor Range



Reception and Front Lobby



Composite Limb Fabrication



Conference Center (The Lodge)



Finishing and Assembly



Machine Shop



Carbon Production Cell

CARBON TECHNOLOGY

THE MOST ADVANCED BOWS IN THE WORLD



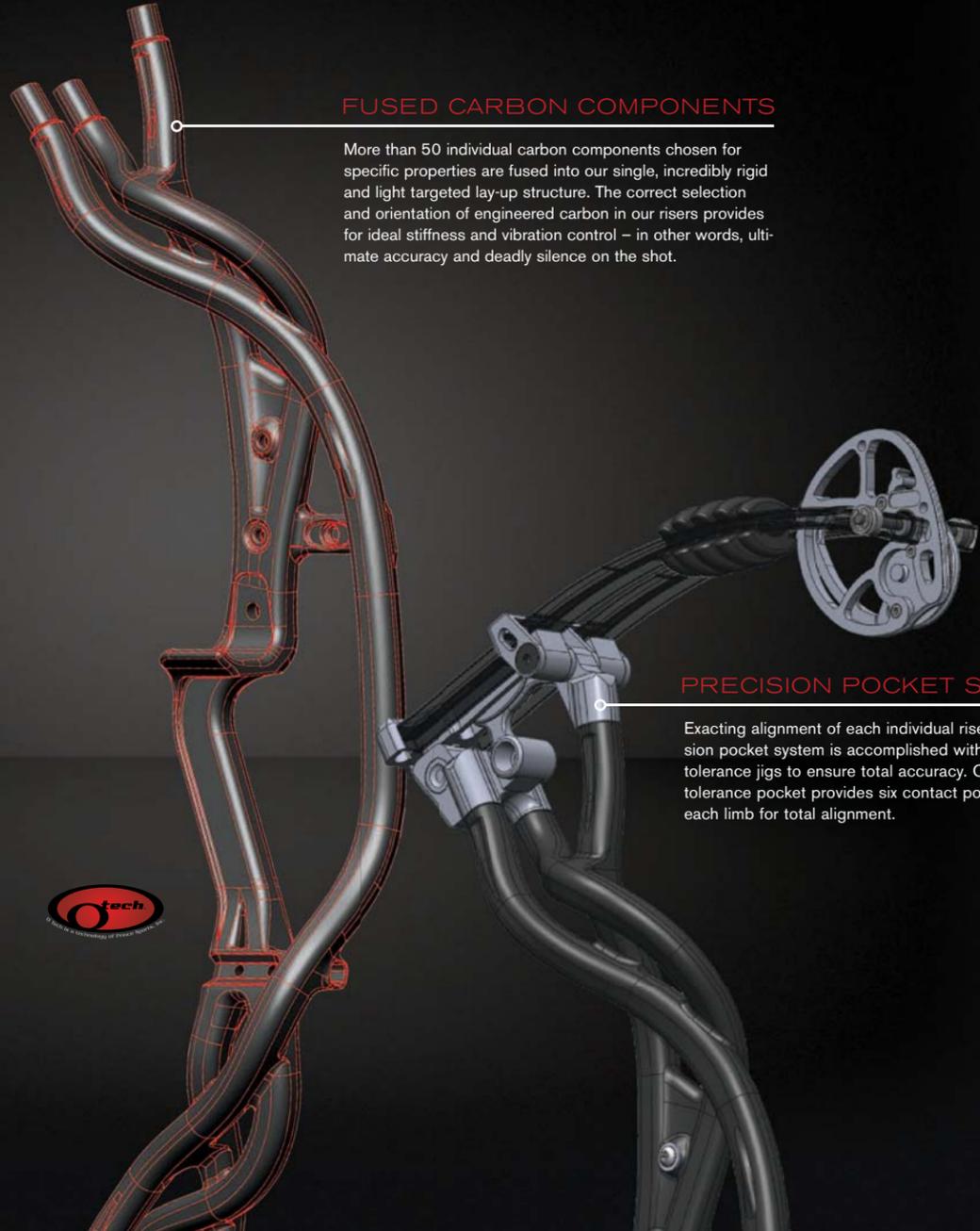
Carbon has revolutionized countless industries, from aerospace and defense to sporting goods. Hoyt was the first bow company ever to successfully utilize carbon in an archery bow – the first carbon Hoyt limbs were used by American archer Darrell Pace to win the 1976 Olympic Games.

Hoyt has continued to use carbon in limbs and other components ever since, and we've been developing carbon risers behind the scenes for decades. But, it wasn't until our introduction of Hollow Tube Carbon Riser Technology that we felt we had a carbon riser design deserving of the Hoyt brand. Our carbon riser is the only carbon bow ever fully optimized to exploit the true capabilities of carbon fiber design and fabrication.

Hoyt's Carbon Riser revolution has brought archers and bowhunters unheard-of durability, proven toughness, light weight and smoothness like no other bow – and for 2012, the revolution continues.

More than 50 different custom carbon composite components designed and chosen for specific stiffness, torque resistance, damping ability and toughness – are painstakingly built into every Hoyt Carbon Technology riser. By fully exploiting the advantages of advanced composite design, this precision process achieves the ultimate in low-mass riser design with unmatched vibration control and strength-to-weight ratios. This is the most complex, difficult to build component made for any purpose in the sport of archery – or most other sporting goods.

Hoyt Carbon Technology is decisive proof – no one pushes the boundaries like Hoyt. Take hold of the revolution yourself.

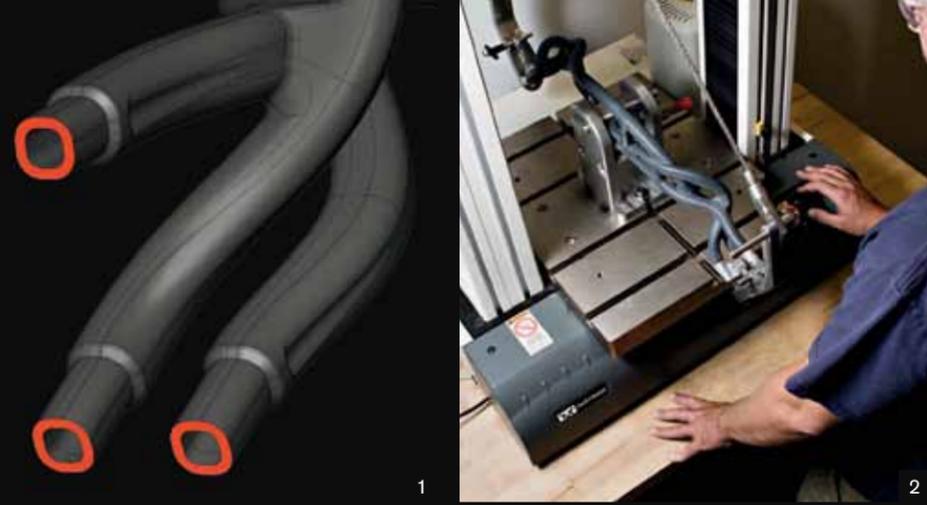


FUSED CARBON COMPONENTS

More than 50 individual carbon components chosen for specific properties are fused into our single, incredibly rigid and light targeted lay-up structure. The correct selection and orientation of engineered carbon in our risers provides for ideal stiffness and vibration control – in other words, ultimate accuracy and deadly silence on the shot.

PRECISION POCKET SYSTEM

Exact alignment of each individual riser and precision pocket system is accomplished with aerospace tolerance jigs to ensure total accuracy. Our zero-tolerance pocket provides six contact points with each limb for total alignment.



1 HOLLOW CARBON TUBES

Less flex. Three complex carbon multi-layer tubes are designed with variable stiffness, cross-section and wall thickness and interlocked to optimize stiffness – this totally engineered design promotes near-instant vibration damping while reducing noise.

2 INDIVIDUALLY TESTED

Hoyt Carbon Technology risers have specific engineered stiffness, to minimize riser torque and bending under high loads. Exceptional riser rigidity promotes reduced shooting torque, easier tuning, and superior efficiency. This means more accuracy, more speed and less noise. Every Hoyt carbon riser is individually tested for correct stiffness before final assembly.

3 SERIOUSLY TOUGH

The greatest strength-to-weight ratio of any riser, ever. More than enough to exceed our grueling, 1,500 dryfire torture test conducted at 80 pounds draw weight with a 30" draw length – which generates at least 104 foot-pounds of kinetic energy. That was great in the test lab, but we really enjoyed our less than scientific test of running it over with a truck. Shelf side down, right square in the middle by a full-size truck. It not only survived, but still shot like a champ. See the entire video at www.hoyt.com. (All dry-fire testing is done by trained technicians with proper equipment. Dry firing (drawing and releasing a bow without an arrow) is extremely dangerous and should never be done. Hoyt's 1,500 dry fire test and standard is for Hoyt bow risers only. The truck torture test was done under controlled conditions, and should not be attempted in any other circumstances. If your bow is run over by a vehicle, do not shoot it. Take it directly to your dealer for full inspection. Running over your bow could void Hoyt's warranty policy.)

4 INDIVIDUALLY INSPECTED

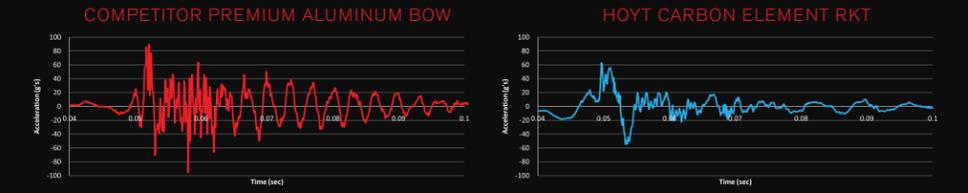
Every single hand-built Hoyt Carbon Riser is inspected more than a dozen times during fabrication, ensuring that each and every bow meets our industry-leading, aerospace grade standards and razor-sharp tolerances.

5 WARM TO THE TOUCH

As you know, bowhunting and cold weather go hand in hand. On a crisp, cold morning, as you wait for the perfect shot, a frigid, cold riser can suck the life out of you – compromising your ability to make your best shot. Hoyt Carbon Technology makes a big difference. Hoyt Carbon bows feel much warmer in cold hunting conditions for increased comfort and shootability, a feature you'll really appreciate.

6 REDUCED VIBRATION

Unbelievable toughness, fatigue resistance and durability through the use of advanced carbon fibers and engineering resins while maintaining exceptionally low vibration and noise.



CARBON ELEMENT RKT

STILL NO RIVAL

Hoyt's award winning, revolutionary carbon bows have set new technology and performance benchmarks in worldwide archery. Ask anyone who has shot one – there's nothing like them. But, as you know, Hoyt engineers are never content to sit back on their laurels. Ever. So, we proudly bring you the all-new 2012 Carbon Element RKT. Powered by the rocket-fast RKT™ cam. Yes, this is a hot cam. And yes, it's easy to draw. The reason? RKT cam features our new ErgoDraw™ Technology, which adjusts the cam profile to draw much more smoothly. The RKT cam powers the 32" Element RKT to a true 330 FPS while retaining a forgiving brace height. The Element RKT features the latest generation of Hoyt's proven, super-tough, patent pending hollow carbon tube riser design, our new Inner Race Bearing In-Line Roller Guard System, new lightweight, low-profile Pro Lock X-Lite™ pocket, high-performance 5-Layer Laminated XTS PRO ARC limbs and more. Carbon Element RKT pushes the limits once again – just as you knew we would.

CARBON ELEMENT RKT™ SPECS

32"	330	6 3/4"	3.6 LBS.
AXLE-TO-AXLE	FPS (ATA)	BRACE HEIGHT	MASS WEIGHT

FEATURED TECHNOLOGIES:
ADVANCED CARBON CONSTRUCTION, O-TECH TECHNOLOGY, STEALTH SHOT, PERFECT BALANCE, IN-LINE ROLLER GUARD, TEC-LITE RISER, RKT CAM & 1/2" MODULE ADJUSTMENT, PRO-LOCK X-LITE POCKET, XTS PRO ARC LIMBS, 5-LAYER LAMINATED LIMBS, PARALLEL SPLIT LIMB TECHNOLOGY, PRO-FIT CUSTOM GRIP, ALPHASHOX, FUSE CUSTOM STRINGS AND CABLES

HUNTING COLOR OPTIONS:
REALTREE AP™, REALTREE MAX-1™, BLACK OUT, HALF & HALF, BLACK OUT RISER W/REALTREE AP™ OR MAX-1™ LIMBS, VICXEN OR BONE COLLECTOR SIGNATURE SERIES



Speed +/- 2 FPS. See inside back cover for more info on ATA speeds, complete specs and color options.

HOYT 4 WWW.HOYT.COM



CARBON MATRIX RKT

SHAMELESS DOMINATION

The original carbon bow that started it all gets a serious performance overhaul. Unlike any other 35" axle-to-axle bow, Hoyt's exclusive, Advanced Carbon Technology riser system gives you the stability and other benefits of a longer riser without excess weight. The 325 FPS Carbon Matrix RKT boasts a new, high-performance engine – the supercharged RKT cam with ErgoDraw™ Technology – delivering incredible smoothness *and* blistering speed. Of course, we didn't stop there. The Carbon Matrix RKT also comes fully equipped with our new Pro Lock X-Lite™ Pocket, our exclusive 5-Layer Lamination Technology XTS PRO ARC limbs, the improved, low-friction Inner Race Bearing In-Line Roller Guard (patent pending) and patented Stealth Shot Suppression System. Carbon Matrix RKT is the ideal, 35" high-performance bow for serious bowhunters and the most demanding target archers.

CARBON MATRIX RKT™ SPECS

35" AXLE-TO-AXLE **325** FPS (ATA) **6³/₄"** BRACE HEIGHT **3.8 LBS.** MASS WEIGHT

FEATURED TECHNOLOGIES:
ADVANCED CARBON CONSTRUCTION, O-TECH TECHNOLOGY, STEALTH SHOT, IN-LINE ROLLER GUARD, TEC-LITE RISER, RKT CAM & 1/2, MODULE ADJUSTMENT, PRO-LOCK X-LITE POCKET, XTS PRO ARC LIMBS, 5-LAYER LAMINATED LIMBS, PARALLEL SPLIT LIMB TECHNOLOGY, PRO-FIT CUSTOM GRIP, ALPHASHOX, FUSE CUSTOM STRINGS AND CABLES

HUNTING COLOR OPTIONS:
REALTREE AP™, REALTREE MAX-1™, BLACK OUT, HALF & HALF, BLACK OUT RISER W/REALTREE AP™ OR MAX-1™ LIMBS, VICXEN OR BONE COLLECTOR SIGNATURE SERIES



LONG DRAW OPTION AVAILABLE
SEE INSIDE BACK COVER FOR COMPLETE SPECS

Speed +/- 2 FPS. See inside back cover for more info on ATA speeds, complete specs and color options.



RKT CAM & 1/2

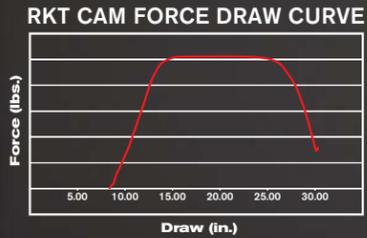
ROCKET SPEED WITHOUT THE KICK

For 2012, Cam & 1/2 moves into a whole new era. Introducing the new RKT Cam & 1/2 Performance System with ErgoDraw™. The RKT Cam & 1/2 provides rocket speeds with unbelievable smoothness.

We optimized every part of the RKT draw for ergonomics, smoothness, energy storage, and a secure, comfortable feel at anchor. We call the result ErgoDraw, which works with your upper body to smooth out the draw at the most critical leverage points. Ultimately feeling like a bow that works with you, instead of an all-out fist fight. Want proof? See your dealer and draw back any competitor bow at the same weight and length, and feel it for yourself. No other cam system delivers more speed, smoothness, accuracy and durability.



RKT™ CAM & 1/2® FEATURES



Hoyt's been in the business of leading the industry in cam design for years. Our unrivaled tournament results are just one proof of this fact. So are the countless successes from thousands of the most avid bowhunters in the world over the past several decades. So, when we say the RKT cam is the fastest modular Hoyt cam ever, with blistering speed and easy tuning, you know that's saying something. But when we also tell you it's hands-down, the smoothest, easiest to draw Hoyt performance cam ever, now that's *really* saying something.

RKT's ErgoDraw design features an enhanced, engineered force draw curve for an exceptionally smooth pull and firm wall – with no harsh let-down if the shot isn't right. ErgoDraw makes it much easier to smoothly reach full draw, whether it's after hours of waiting for the perfect shot on a cold hunt or under the intense pressure and adrenaline rush of a world competition.

RKT has an optimized, comfortable valley that's dead-on secure at full draw. If you've ever felt a cam itching to release before you're ready to shoot, you know that tension can rob you of a smooth, confident shot. The RKT's forgiving wall promotes a better release, steadier aim and ultimately, a more accurate shot.

In this sport, sometimes you need to let down. Maybe that buck didn't step into the shooting lane when you thought he might or maybe a breeze picked up. We've all been there. At Hoyt, we don't think letting down needs to be dramatic or traumatic – so RKT is designed to allow a controlled, secure and comfortable let-down. It's something you'll appreciate even more if you've felt the alternative.

RKT is draw length adjustable in 1/2 inch increments for custom draw length tuning. RKT uses a secure, reliable high-performance module system that features high let-off. Inner-race sealed bearings, secure and durable cable track and grooves, premium hardware, high-precision CNC machined aerospace alloy construction and a tough, sealed anodize finish ensure total performance and longevity.

RKT is exclusively designed for 2012 XTS PRO ARC & XT PRO COMP limb equipped bows including the Carbon Element RKT, Carbon Matrix RKT, Vector series and AlphaElite. Available draw length range is bow model dependent, see the catalog page of each bow for details.



CAM & 1/2

PERFORMANCE DEFINED



Our patented Cam & 1/2® Performance System continues to dominate competitions across the globe, with thousands of tournament victories, trophies and titles. No other cam system has won more titles in worldwide competition. Diehard bowhunters and top target shooters alike trust our high-performance Cam & 1/2 System to power their way to success.

Cam & 1/2 Technology links the top and bottom cams with the control cable, synchronizing the cams so they fire at the exact same time, every time. The result is ultimate accuracy and consistency, like no other system. Every Cam & 1/2 offering features high-performance, sealed inner-race bearings and the toughest, most reliable cams in the industry.



- Blistering speed and easy tuning
- ErgoDraw™ force draw curve for exceptionally smooth pull and firm wall
- Optimized valley and wall for secure feel at full draw
- Controlled let-down – smooth and controllable
- Designed for 2012 XTS PRO ARC & XT PRO COMP limb equipped bows
- Draw length adjustable with interchangeable modules and high let-off



- Designed for CRX Series and Rampage XT
- Draw length adjustable – interchangeable modules
- Ultra-quiet draw stop peg
- High let-off



- Draw length adjustable – rotating inner cam module
- Designed specifically for XT 2000 and XT 3000 limbs
- Available in 65% or 75% let-off
- Medium cam feel with hard cam speed



- Draw length specific for ultimate performance
- Designed specifically for XT 2000 and XT 3000 limbs
- Adjustable from 55% to 65% let-off
- Hard wall and short valley for ultimate speed



- Draw length adjustable – rotating inner cam module
- Available on Rampage and ProHawk
- Available in high let-off



- Draw length adjustable – rotating inner-cam module
- 10 inches of draw length adjustment
- Designed specifically for Ruckus
- Smooth draw cycle



- Draw length adjustable – rotating inner-cam module
- Soft wall and long valley
- Low let-off (approx. 65%)
- Available on Vantage LTD



VECTOR **32 & 35**

BORN FOR THE HUNT

Introducing the all-new Hoyt Vector, a true 330 FPS bow powered by the revolutionary Hoyt RKT Cam 1/2 with ErgoDraw™. No other cam provides such an incredibly smooth draw, while storing more energy. The lightweight Vector is easy to tune and shoot, with a forgiving brace height. Vector is your direct line to all the latest Hoyt technologies dedicated to the success of your hunt. The patent pending In-Line Roller Guard, equipped with Hoyt's new Inner Race Bearing, decreases friction and increases efficiency. XTS PRO ARC™ limbs are as tough and efficient as they come. The all-new PRO-LOCK X-Lite pocket features lower mass, stealthy silence, and a new transverse limb bolt anchor, making adjustments smooth as butter. Pro-Fit grip, patented Stealth Shot, Perfect Balance (patent pending) and Silent Shelf round out the lengthy list of features packed in this hard-hunting partner in the field.

VECTOR™ 32 SPECS

32"	330	6¾"	4 LBS.
AXLE-TO-AXLE	FPS (ATA)	BRACE HEIGHT	MASS WEIGHT

VECTOR™ 35 SPECS

35"	325	6¾"	4.2 LBS.
AXLE-TO-AXLE	FPS (ATA)	BRACE HEIGHT	MASS WEIGHT

FEATURED TECHNOLOGIES:
 TEC-LITE RISER, PRO-LOCK X-LITE POCKET, XTS PRO ARC LIMBS, 5-LAYER LAMINATED LIMBS, PARALLEL SPLIT LIMB TECHNOLOGY, RKT CAM & 1/2, MODULE ADJUSTMENT, STEALTH SHOT, PERFECT BALANCE, IN-LINE ROLLER GUARD, PRO-FIT CUSTOM GRIP, ALPHASHOX, FUSE CUSTOM STRINGS

HUNTING COLOR OPTIONS:
 REALTREE AP™, REALTREE MAX-1™, BLACK OUT, HALF & HALF, BLACK OUT RISER W/REALTREE AP™ OR MAX-1™ LIMBS, VICXEN OR BONE COLLECTOR SIGNATURE SERIES



LD VECTOR 35" LONG DRAW OPTION AVAILABLE
 SEE INSIDE BACK COVER FOR COMPLETE SPECS

Speed +/- 2 FPS. See inside back cover for more info on ATA speeds, complete specs and color options.





VECTOR TURBO

FLAWLESS SPEED

Want even more speed? Want it without paying the price of sore shoulders and teeth-shaking recoil? Well, we have what you're looking for. The fastest, smoothest Hoyt ever, Vector Turbo is the answer to your need for speed. Vector Turbo features the sweet drawing and shooting RKT cam delivering a blistering, true 340 FPS. Naturally, as it's a Hoyt, precision accuracy is uncompromised.

Vector Turbo is smooth to shoot and eminently tunable with RKT's ErgoDraw Technology. And the modular adjustable RKT Cam & 1/2 is specifically designed to retain speed even at shorter draw lengths. Want more? How about the ultra-low mass weight TEC Lite riser, arm-slap defeating Stealth Shot, Pro Lock X-Lite pocket, sleek XTS PRO ARC limbs, Perfect Balance (patent pending) design, and FUSE custom rigging. Vector Turbo, the fastest, smoothest Hoyt bow ever. Period.

VECTOR TURBO™ SPECS

35"	340	6"	4.2 LBS.
AXLE-TO-AXLE	FPS (ATA)	BRACE HEIGHT	MASS WEIGHT

FEATURED TECHNOLOGIES:
 TEC-LITE RISER, PRO-LOCK X-LITE POCKET, XTS PRO ARC LIMBS, 5-LAYER LAMINATED LIMBS, PARALLEL SPLIT LIMB TECHNOLOGY, RKT CAM & 1/2, MODULE ADJUSTMENT, STEALTH SHOT, PERFECT BALANCE, IN-LINE ROLLER GUARD, PRO-FIT CUSTOM GRIP, ALPHASHOX, FUSE CUSTOM STRINGS

HUNTING COLOR OPTIONS:
 REALTREE AP™, REALTREE MAX-1™, BLACK OUT, HALF & HALF, BLACK OUT RISER W/REALTREE AP™ OR MAX-1™ LIMBS, VICXEN OR BONE COLLECTOR SIGNATURE SERIES



HOYT TECHNOLOGIES

UNMATCHED PERFORMANCE



NOTHING COMPARES TO A HOYT

Accuracy, durability, feel, craftsmanship, technology and precision unmatched by any other company. Every Hoyt bow is built for a purpose – which, ultimately and simply, is putting your arrows exactly where you want them to go. That means craftsmanship, engineering, design, materials, and technologies that are dependable, accurate, durable and performance based. Bows designed by engineers who shoot and hunt, with a true passion for the sport. Bows designed for champions. The most winning bows in the world. That's what you have when you hold a Hoyt. It's a difference you can feel.

IDEAL BOW BALANCE

Hoyt bows feature balanced symmetry, engineered and proven more accurate than top-heavy, unwieldy "low grip center" designs. Hoyt risers are designed with the center of gravity and center of pressure working together, promoting increased stability, accuracy, and a better feel at full draw – or even when packing your Hoyt into the woods. Compare for yourself, you'll instantly feel the difference.



Bowhunter, Tournament Champion and Hoyt Engineering Manager, Zak Kurtzhals demonstrates the precision balance design of a Hoyt bow in multiple planes.



1 CAM & 1/2® PERFORMANCE SYSTEM

The revolution continues. Our patented Cam & 1/2 Performance System brings you speed, accuracy and smoothness like no other. Learn more about the high-performance engines powering Hoyt bows including the all-new RKT Cam & 1/2, on page 8.

2 HOYT CARBON TECHNOLOGY

The only bow design which optimizes carbon's incredible properties for strength, silence, light weight, and a smooth, vibration-free shot. Our hollow laminated carbon designs are the pinnacles of archery technology. Get the full story on page 2.

3 PRO LOCK™ X-LITE POCKET SYSTEM

The connection between riser and limb is absolutely critical. Any shifting in this vital interface is a disaster for accuracy. Hoyt pockets have always been ultra tight and respected across the industry for supreme accuracy and durability. Pro Lock™ X-Lite is our lightest pocket ever – yet still beats our grueling endurance testing and accuracy requirements. With six hard-locking points of contact per limb, Pro Lock™ X-Lite totally eliminates limb shift. The advanced new limb bolt system allows for smooth adjustments. Compare Pro Lock™ X-Lite to any other pocket – nothing else comes close.

4 ARC™ LIMB TECHNOLOGY

ARC is Hoyt's exclusive performance enhancing technology for our parallel limb bow designs. Less limb movement, less vibration, more pre-load and more hard-hitting power are the hallmarks of ARC limbs. Get the details on page 21.

4 5-LAYER LAMINATION TECHNOLOGY™

The industry benchmark. Every experienced shooter knows Hoyt limbs are the strongest, most reliable and efficient. Our 5-Layer Lamination Technology is a key to this hard-earned, time tested reputation. Learn more on page 21.

4 USD™

Uniform Stress Distribution™ limb design pre-loads the limbs for a smoother shot and higher energy storage. USD also eliminates the over-stressed zones found on ordinary limb designs, leading to greater reliability and virtually eliminating failures. Get the facts on page 21.

5 SILENT SHELF™

Silent Shelf™ provides a quiet landing pad for bumped arrows or drop-away rests. This gives you a step up in the battle for silence, providing a fully integrated, totally silent surface, isolating your arrow from the riser. In a high-adrenaline hunting situation, silence is everything.

6 TEC™ LITE RISER

Strength. Accuracy. Light Weight. Smoothness. All are vital elements of riser design achieved with TEC – Hoyt's Total Engineering Concept. TEC Lite riser design is super strong with incredible, 1,500-dry fire endurance. Ordinary risers don't even come close. TEC eliminates flexing and twisting frequently seen in conventional risers, allowing for better center shot alignment, and provides an ultra-slim grip minimizing the negative effects of bow hand torque. The result is more forgiveness and a more accurate shot, especially in high pressure situations – all while maintaining industry-leading light mass weights. (All dry-fire testing is done by trained technicians with proper equipment. Dry firing (drawing and releasing a bow without an arrow) is extremely dangerous and should never be done. Hoyt's 1,500 dry fire test and standard is for Hoyt bow risers only.)

7 IN-LINE ROLLER GUARD™

The patent pending In-Line Roller Guard System, with our new Inner Race bearing design, minimizes friction and torque for increased speed, silence and accuracy. Unlike ordinary side-by-side roller guard designs, Hoyt's In-Line design allows the cables to occupy their natural in-line position, dramatically decreasing stress on the cable system. The result? More shot energy, less vibration, more repeatability and more accuracy.

8 STEALTH SHOT™

Highly effective, durable, and fully adjustable. Our patented Stealth Shot™ enhances silence and smoothness while increasing accuracy by promoting a crisp, clean release of the arrow from the string. With a soft, quiet and durable high-performance elastomeric damping material, Stealth Shot also prevents the string from catching bulky cold-weather jacket sleeves, and makes your bow whisper-quiet to challenge even the most wary game.

8 FUSE® CUSTOM STRINGS & CABLES

There's no need for aftermarket strings. FUSE Custom Strings & Cables come standard on every Hoyt. These true custom components are built under super high tension on computer controlled FUSE string machines, and hand-finished by skilled string builders, eliminating stretching and peep movement.

9 PRO-FIT GRIP™

When it comes to your grip, fit is everything. Pro-Fit eliminates torque, while providing comfort, repeatability and style to your Hoyt bow. No matter your hand size or shooting style, Pro-Fit has you covered.

10 PERFECT BALANCE™

Hoyt's innovative, patent pending Perfect Balance Stabilization System provides an offset mounting location for your stabilizer, counterbalancing the added mass weight of sights, rests and loaded quivers. This Hoyt hunting bow innovation relieves you from having to torque the bow to get your bubble back on-center, resulting in faster target acquisition, and ultimately, a more accurate shot.



RAMPAGE SERIES

FULLY LOADED

The devastatingly affordable Rampage series is fully equipped and ready for action with an amazing list of features. Rampage lets you stretch your hard-earned bowhunting budget without compromising on performance or durability. The Rampage XT goes all-out with high-end XTS PRO ARC limbs and the smooth, fast Fuel cam. Rampage features affordable ZRS-12 Split Limbs and the comfortable, draw adjustable M4 Cam. Both bows are feature-packed with our sleek, low profile PRO-LOCK pocket design, TEC riser, patented Stealth Shot, Pro-Fit grip, Perfect Balance Technology (patent pending), noise-killing Alpha Shox and tough, reliable In-Line Roller Guard system (patent pending). Rampage lets you own the hunt, without breaking the bank.

RAMPAGE™ XT SPECS

32" AXLE-TO-AXLE **323** FPS (ATA) **7"** BRACE HEIGHT **4 LBS.** MASS WEIGHT

RAMPAGE™ SPECS

34" AXLE-TO-AXLE **306** FPS (ATA) **7"** BRACE HEIGHT **4.2 LBS.** MASS WEIGHT

FEATURED TECHNOLOGIES:
 STEALTH SHOT, PERFECT BALANCE, IN-LINE ROLLER GUARD, TEC-LITE RISER, CAM & 1/2, MODULE ADJUSTMENT, PRO-LOCK POCKET, XTS PRO ARC LIMBS (RAMPAGE XT), 5-LAYER LAMINATED LIMBS (RAMPAGE XT), PARALLEL SPLIT LIMB TECHNOLOGY, PRO-FIT CUSTOM GRIP, ALPHASHOX, FUSE CUSTOM STRINGS

HUNTING COLOR OPTIONS:
 REALTREE AP™, REALTREE MAX-1™, BLACK OUT, HALF & HALF, BLACK OUT RISER W/REALTREE AP™ OR MAX-1™ LIMBS, VICXEN OR BONE COLLECTOR SIGNATURE SERIES



LD RAMPAGE XT LONG DRAW OPTION AVAILABLE
 SEE INSIDE BACK COVER FOR COMPLETE SPECS

Speed +/- 2 FPS. See inside back cover for more info on ATA speeds, complete specs and color options.



CRX SERIES

LETHAL COMBO

Hunt harder with the advanced and deadly CRX. Available in 32" and 35" options, CRX is the culmination of eighty years of passionate Hoyt know-how, condensed into a cutting-edge bowhunting and target tool ideal for harvesting game or connecting with your target in any condition. CRX is fully loaded with a list of features demanded by the discerning expert, including our sleek, lean TEC LITE riser, XTS PRO ARC limbs, high-energy Fuel Cams, Perfect Balance (patent pending) stabilizer mount, Silent Shelf Technology and Pro-Fit grip system. CRX: a lethal combination.

CRX™ 32 SPECS

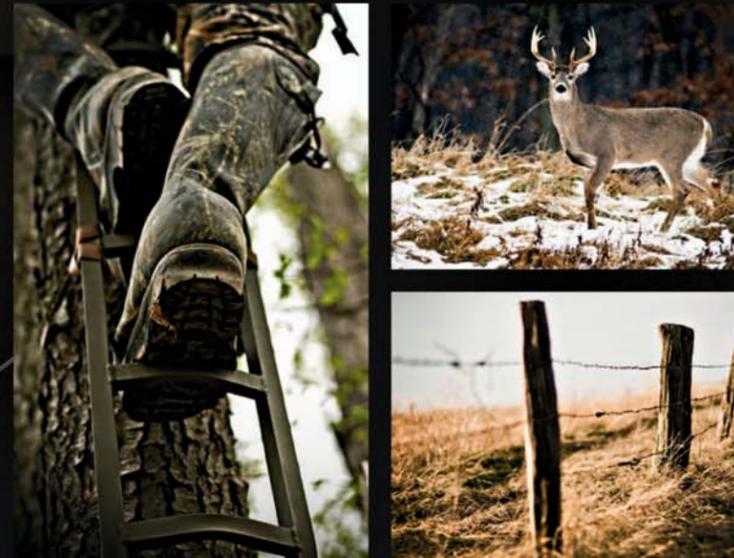
32" **323** **7"** **3.95 LBS.**
 AXLE-TO-AXLE FPS (ATA) BRACE HEIGHT MASS WEIGHT

CRX™ 35 SPECS

35" **318** **7"** **4.2 LBS.**
 AXLE-TO-AXLE FPS (ATA) BRACE HEIGHT MASS WEIGHT

FEATURED TECHNOLOGIES:
 STEALTH SHOT, PERFECT BALANCE, IN-LINE ROLLER GUARD, TEC-LITE RISER, CAM & 1/2, MODULE ADJUSTMENT, PRO-LOCK POCKET, XTS PRO ARC LIMBS, 5-LAYER LAMINATED LIMBS, PARALLEL SPLIT LIMB TECHNOLOGY, PRO-FIT CUSTOM GRIP, ALPHASHOX, FUSE CUSTOM STRINGS

HUNTING COLOR OPTIONS:
 REALTREE AP™, REALTREE MAX-1™, BLACK OUT, HALF & HALF, BLACK OUT RISER W/REALTREE AP™ OR MAX-1™ LIMBS, VICKEN OR BONE COLLECTOR SIGNATURE SERIES



VANTAGE LTD

DEFINITIVE ORIGINAL

Only Hoyt, with our timeless commitment to every style of shooting, can offer a bow like the Vantage LTD. The ultra-long, super stable riser and ultra-forgiving AccuWheel offers both finger and release shooters a silent, shock-free shot in the ultimate tack-driving, accurate package. Vantage LTD offers 45 inches of sweet shooting style and comfort with a full 8" brace height.

VANTAGE LTD™ SPECS

45" **271** **8"** **5.2 LBS.**
 AXLE-TO-AXLE FPS (ATA) BRACE HEIGHT MASS WEIGHT

FEATURED TECHNOLOGIES:
 TEC-LITE RISER, MODULE DRAW LENGTH ADJUSTMENT, SPLIT LIMB TECHNOLOGY, ALPHASHOX, FUSE CUSTOM STRINGS

HUNTING COLOR OPTIONS:
 REALTREE AP™, REALTREE MAX-1™, BLACK OUT, HALF & HALF, BLACK OUT RISER W/REALTREE AP™ OR MAX-1™ LIMBS



Speed +/- 2 FPS. See inside back cover for more info on ATA speeds, complete specs and color options.





SPLIT LIMBS

PURPOSE BUILT

No bow company has the experience of Hoyt when it comes to building limbs. More than 80 years on the leading edge of limb construction has given us unprecedented insight and design know-how.

The key to this ability is Hoyt's painstaking insistence on laminating every high end limb we produce right here in the USA. This is done in Hoyt's dedicated, positive pressure limb lamination clean room, inside our new, 150,000 square foot factory in Salt Lake City, Utah. Lamination, simply put, is the only way to truly optimize material and limb design synergies for ultimate performance. It also produces much stronger, tougher, long-lived and accurate limb sets. Limbs that won't let you down, whether your target is a trophy buck in -20 degree winter cold, or a 10-ring at 90 meters in 110 degrees with 80% humidity. Yes, lamination costs us much more in premium materials and labor. Yes, it's hard to do. But, it's a decisive factor that, along with intelligent design, makes Hoyt limbs the most efficient, durable and consistent limbs available. That's the Hoyt way. And we wouldn't have it any other way.

EXCLUSIVE HOYT LIMB FEATURES

Our 5-layer lamination process allows full contour, Uniform Stress Distribution limb design without cutting through critical stress fibers – the chief disadvantage of ordinary limb design.

Patented Split Limb Technology creates tremendous lateral and torsional stability, and eliminates vulnerable v-grooves and limb bolt grooves where fractures are most likely to occur.

PRO ARC design maximizes performance and preload for high-performance parallel limb design, working in concert with specific cam designs to allow an optimized force draw profile and unmatched accuracy.

Hoyt limbs are incredibly tough and durable. Every Hoyt limb is designed to withstand well over our minimum standard of 1,000 full-on dry fires at 80 pounds/30 inches. No other manufacturer's limbs we've tested even come close. Overkill? Absolutely not. Not when your tournament or the hunt of a lifetime is on the line.

(All dry-fire testing is done by trained technicians with proper equipment. Dry firing (drawing and releasing a bow without an arrow) is extremely dangerous and should never be done. Hoyt's 1,000 dry fire test and standard is for Hoyt limbs only.)

PRO SERIES

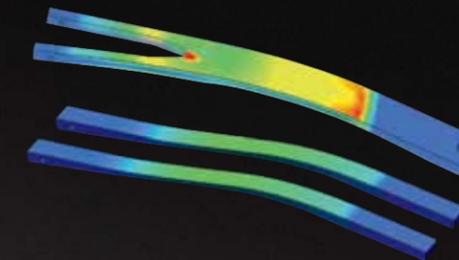


5 LAYER LAMINATION

More than 80 years of Hoyt experience has culminated in Hoyt's exclusive 5-Layer Lamination Technology, used in Hoyt's premiere compound limbs. This proprietary Hoyt technology allows custom tailoring of materials and design for optimized limb performance – and has the obvious benefit of making Hoyt's limbs the most reliable in the industry. 5-Layer Lamination Technology is at the heart of what makes Hoyt compound limbs world renowned for accuracy, durability and performance.



SPLIT LIMB TECHNOLOGY



Hoyt's patented Split Limb Technology provides for an effective overall width of up to 2 1/2 inches, creating much more lateral and torsional stability than that of a traditional narrow 1 1/2 inch or less solid limb design. The Split Limb Design also eliminates the vulnerable v-groove and limb bolt groove or hole where failure most often occurs on ordinary, solid limbs.

USD TECHNOLOGY

Hoyt's 5-Layer lamination process allows Hoyt engineers to contour and pre-load the limbs with Hoyt's Uniform Stress Distribution Technology (USD). So, as the limbs bend, energy is distributed evenly over the entire length of the limbs eliminating high-stress areas found on ordinary limbs. At full draw, USD limbs harness more power and produce more speed with very little stress.



Initially, the limb begins as a pre-stressed, contoured limb

The limb becomes straighter as more load is applied

The more load (bend), the more energy is stored throughout the entire length of the limb

At full draw, the limb harnesses more power and produces more speed with reduced stress on the limbs

ALPHASHOX

The industry-leading AlphaShox come standard with every bow for maximum vibration control. Custom designed to fit between our split limbs, AlphaShox feature a tapered rib design to demolish shock and vibration. The result is a whisper-quiet shot.



ARC LIMB TECHNOLOGY

Parallel limb design bows are renowned for their quiet and low vibration performance. But if you want to get performance beyond the status quo of ordinary parallel limbs, you need to go beyond, and Hoyt has done that with our exclusive 5-layer laminated limbs utilizing ARC Limb Design. ARC limbs work with specific Hoyt cams to create a well-balanced force-draw curve, enhancing accuracy and speed. ARC limbs feature incredibly high energy storage, tremendous strength and unmatched reliability while enhancing dead-in-hand vibration damping.



PROHAWK

FIELD READY

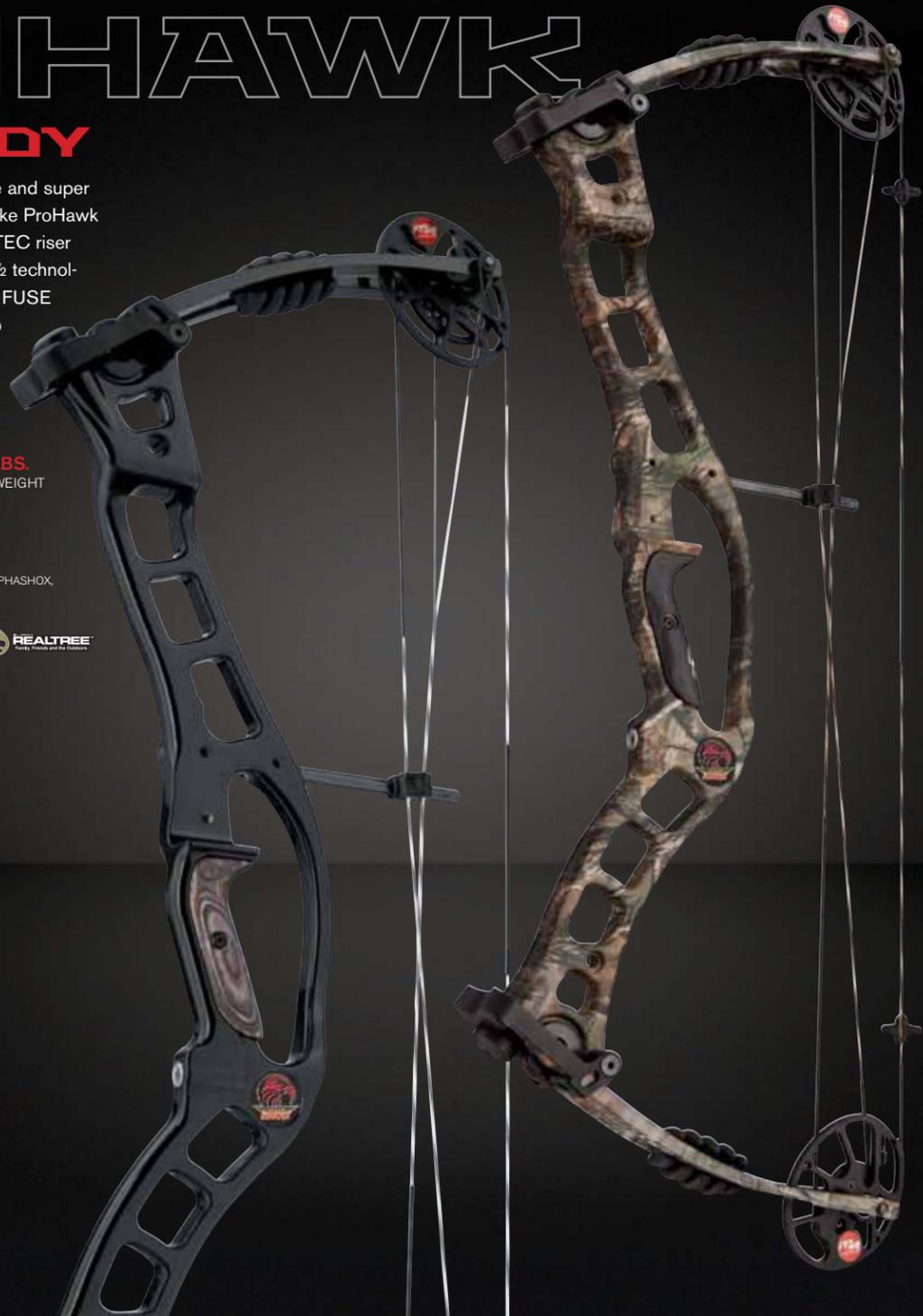
Versatility, proven technology, great performance and super light weight all combine with a great price to make ProHawk one of archery's finest values today. Legendary TEC riser technology, draw length adjustable M4 Cam & 1/2 technology, reliable, strong parallel split limbs, premium FUSE rigging and Pro-Fit grip make ProHawk a superb choice for the budget conscious bowhunter.

PROHAWK™ SPECS

32" AXLE-TO-AXLE **305** FPS (ATA) **7 1/4"** BRACE HEIGHT **4 LBS.** MASS WEIGHT

FEATURED TECHNOLOGIES:
TEC-LITE RISER, CAM & 1/2, MODULE DRAW LENGTH ADJUSTMENT, PRO-LOCK POCKET, SPLIT LIMB TECHNOLOGY, PRO-FIT CUSTOM GRIP, ALPHASHOX, FUSE CUSTOM STRINGS

HUNTING COLOR OPTIONS:
REALTREE AP™, REALTREE MAX-1™, BLACK OUT, HALF & HALF, BLACK OUT RISER W/REALTREE AP™ OR MAX-1™ LIMBS



RUCKUS

GET 'EM STARTED

Young shooters need a bow that shoots great, and fits them as they grow. That's why we came up with Ruckus. The performance-driven youth bow with an amazing, full 10 inches of custom-draw adjustment and Hoyt's legendary craftsmanship. Ready for action, Ruckus gets them started and keeps them shooting arrows for life.

RUCKUS™ SPECS

29 3/4" AXLE-TO-AXLE **281** FPS (ATA) **6 3/4"** BRACE HEIGHT **2.8 LBS.** MASS WEIGHT

FEATURED TECHNOLOGIES:
TEC-LITE RISER, VERSAFLEX CAM, MODULE DRAW LENGTH ADJUSTMENT, SPLIT LIMB TECHNOLOGY, ALPHASHOX, FUSE CUSTOM STRINGS

HUNTING COLOR OPTIONS:
REALTREE AP™, REALTREE MAX-1™, BLACK OUT, HALF & HALF, BLACK OUT RISER W/REALTREE AP™ OR MAX-1™ LIMBS



VERSAFLEX™ DRAW LENGTH TECHNOLOGY

PEAK DRAW WEIGHT

DRAW LENGTH	18"	19"	20"	21"	22"	23"	24"	25"	26"	27"	28"
Maximum Weight	30	31	32	33	34	35	36	37	38	39	40
Minimum Weight	10	11	12	13	14	15	16	17	18	19	20

DRAW LENGTH	18"	19"	20"	21"	22"	23"	24"	25"	26"	27"	28"
Maximum Weight	40	41	42	43	44	45	46	47	48	49	50
Minimum Weight	20	21	22	23	24	25	26	27	28	29	30

Bows are shipped in 24" position

Peak draw weight will increase as the draw length becomes longer. For example, if you order a 35 pound bow, it will have a peak draw weight of 30 pounds in the 18 inch draw length position and a peak draw weight of 40 pounds in the 28 inch draw length position. Minimum draw weights are achieved by backing out the limb bolts no more than 8 turns. See the above chart for the exact draw weight range in each draw length. Draw length is adjustable from 18 to 28 inches in 1 inch increments.



HUNTING COLORS

YOUR BOW YOUR WAY

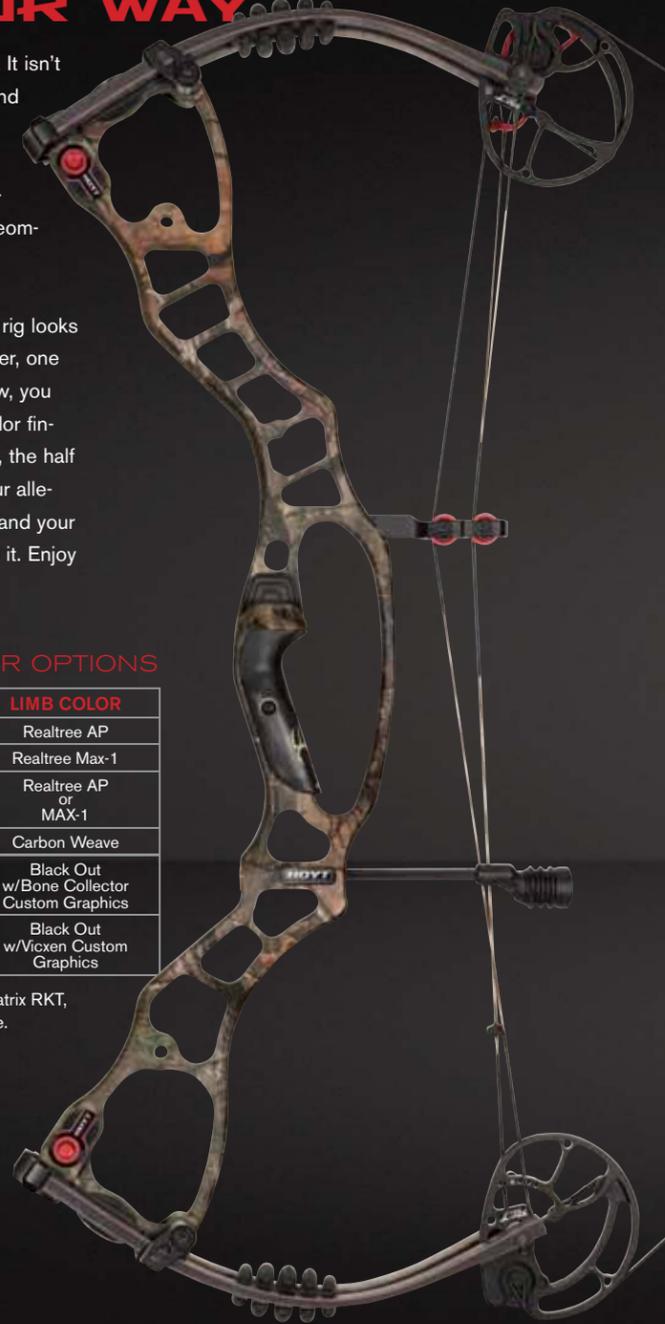
As bowhunters, we are a very passionate group of individuals. It isn't just something we do. Rather, it is a way of life. We live, eat and breathe bowhunting – always. Hoyt has never had the “one size fits all” attitude. Look at our product line. We have the largest array of bows that you will find from any bow manufacturer. Why? Because we know how important specific bow geometries are for specific individuals.

At Hoyt, we also feel that it is important that your bowhunting rig looks as good as it shoots. We don't want to give you a cookie-cutter, one size fits all color scheme. When you purchase a new Hoyt bow, you will have the opportunity to choose from multiple, high-end color finishes and configurations. Whether you want the all camo look, the half and half look, go full stealth mode with Black Out or show your allegiance with a custom Signature Series option, we've got you and your bow covered. Your bow, your way. That's the only way we see it. Enjoy the options and good hunting!

ALL HOYT HUNTING COMPOUND COLOR OPTIONS

	EDITION	RISER COLOR	LIMB COLOR
STANDARD OPTIONS	Realtree AP Camo	Realtree AP	Realtree AP
	Realtree Max-1 Camo	Realtree Max-1	Realtree Max-1
	Half/Half	Matte Black	Realtree AP or MAX-1
	Black Out	Matte Black	Carbon Weave
SIGNATURE SERIES	Bone Collector	Realtree AP	Black Out w/Bone Collector Custom Graphics
	Vicxen	Realtree Max-1	Black Out w/Vicxen Custom Graphics

Signature Series bows are available on Carbon Element RKT, Carbon Matrix RKT, Vector 32 & 35, Vector Turbo, CRX 32 & 35, Rampage XT and Rampage.



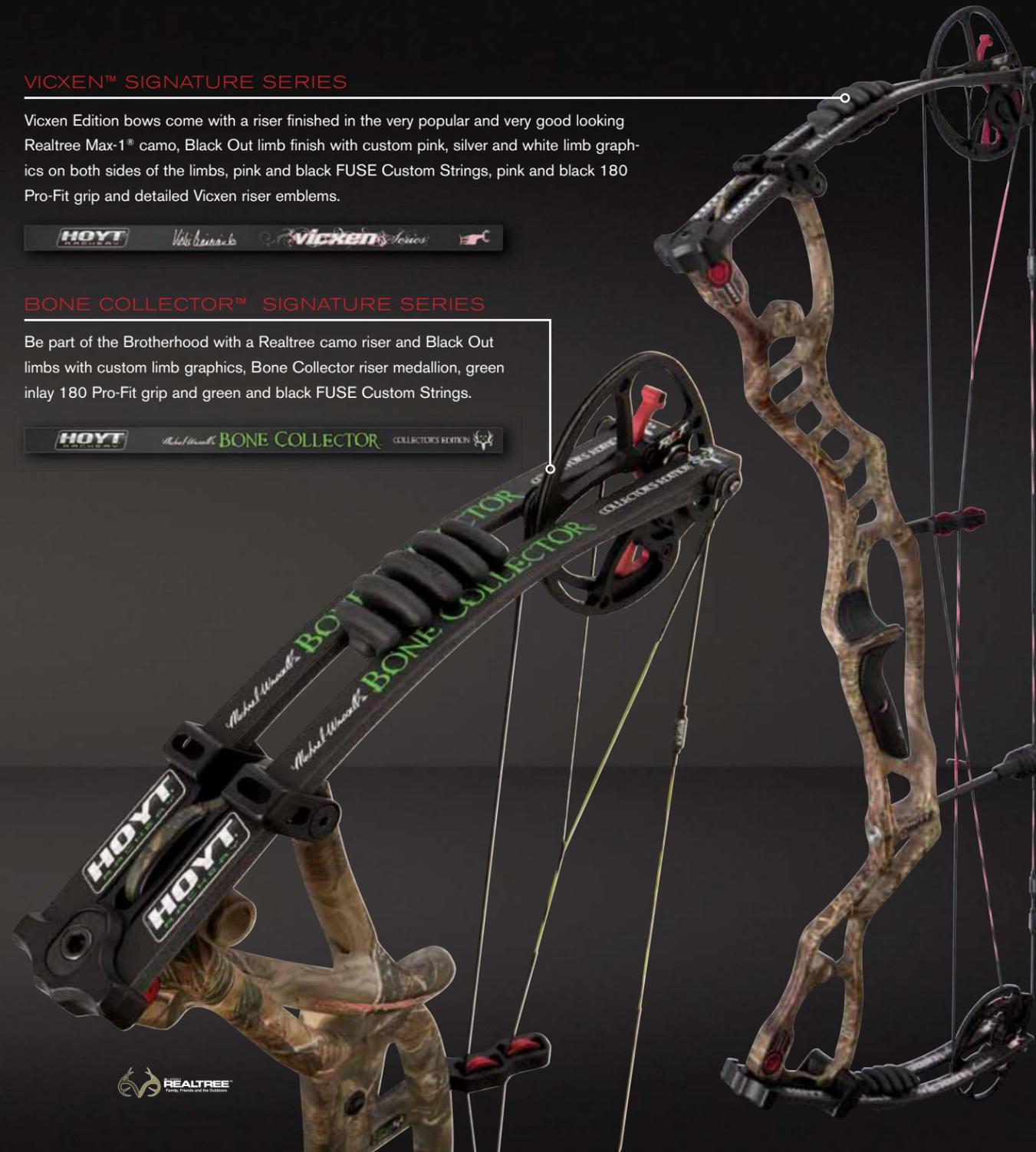
VICXEN™ SIGNATURE SERIES

Vicxen Edition bows come with a riser finished in the very popular and very good looking Realtree Max-1® camo, Black Out limb finish with custom pink, silver and white limb graphics on both sides of the limbs, pink and black FUSE Custom Strings, pink and black 180 Pro-Fit grip and detailed Vicxen riser emblems.



BONE COLLECTOR™ SIGNATURE SERIES

Be part of the Brotherhood with a Realtree camo riser and Black Out limbs with custom limb graphics, Bone Collector riser medallion, green inlay 180 Pro-Fit grip and green and black FUSE Custom Strings.



Celebrate the Brotherhood by getting your very own, Michael Waddell, Bone Collector Signature Series Hoyt. The Bone Collector Edition bows are favorites of Michael Waddell, Travis “T-Bone” Turner and Nick Mundt – co-hosts of the popular Bone Collector TV series.

This custom finish option offers a Realtree® camo riser with Hoyt's Black Out limb finish and custom Bone Collector graphics on both sides of the limbs. They also feature a black and green FUSE Custom String, black and green custom 180 grip, and detailed Bone Collector riser emblems. Proclaim your membership in the Bone Collector Brotherhood. See your Hoyt dealer for details.



Women bowhunters are some of the most passionate people you will ever meet in your life, and they are a dedicated, close-knit group. As one of the fastest growing segments in bowhunting, more and more women are headed for hills and treestands with bows in hand.

Again, we recognize that not everyone is built the same. One bow geometry does NOT fit every woman and women should never be limited in their bow choices. New for 2012, we have expanded our Vicki Cianciarulo, Vicxen Signature Series across a broad spectrum of bows allowing women to choose the bow geometry and price point that fits them best. The Vicxen Edition bows provide drop-dead gorgeous looks with serious, rugged tough attitude.

Vicxens, unite! Show your pride with a Vicxen Signature Series bow. See your Hoyt dealer for details.

BUFFALO

ADVANCED TRADITION

Custom features. Custom length. Perfectly balanced. Sweet shooting. And, deadly accurate. All are key elements of the most advanced, successful traditional recurve design ever. Our hunting buddy Fred Eichler came to us all fired up with a vision for a blend of tradition and high performance, and the result is Buffalo, a Fred Eichler individually numbered signature series bow. Buffalo features a 19" machined aluminum riser and Hoyt's exclusive Formula-derived Paralever Limb System for an incredibly smooth draw and full weight and tiller adjustability. Fully equipped with everything needed to go afield, the Buffalo package includes a custom hand-made Flemish string, bow stringer, rug rest and calf hair side plate, all in a padded carrying case, in multiple finish options – and also comes standard with all the passion Fred Eichler brings to bowhunting the hard way. Available separately is a custom-designed Buffalo-specific 2-piece quiver.



BUFFALO™ SPECS

7-8"	19"	60" OR 62"	3.2 LBS.	35, 40, 45, 50, 55, 60, 65
BRACE HEIGHT	RISER LENGTH	BOW LENGTH	MASS WEIGHT	DRAW WEIGHT

HUNTING COLOR OPTIONS:
BLACK OUT RISER WITH MAPLE LIMBS, BLACK OUT RISER WITH REALTREE APG™ HD OR MAX-1* LIMBS



"The Hoyt Buffalo has performed flawlessly for me over the past year. When I got together with Hoyt's engineers to design the Buffalo, I never dreamed of just how sweet this bow would turn out. All the custom features I wanted, perfect length, balance and weight, and the unbelievable smoothness of the Hoyt Paralever limb system make Buffalo my favorite bow."

Fred Eichler



DORADO GAMEMASTER II

RAW INSTINCT

So you've been there, done that, with a compound. Ready for the next challenge but still want a modern feel? Traditional meets ultra modern in Hoyt's Dorado and GameMaster II. Custom-level craftsmanship and proven Hoyt recurve geometries are at the heart of these hard-hitting, unbelievably light weight, smooth, fast, sweet-shooting recurves. Dorado provides the shorter option, starting with a 19" low-mass custom machined riser and a miniscule 2.5 pound mass weight, while GameMaster II offers Hoyt's advanced 21" TEC design for longer draw shooters. Both feature custom wood core Hoyt limbs – made in the USA, like all Hoyt bows. Dorado and GameMaster II – the ultimate choice for the neo-traditional archer.



DORADO™ SPECS

7-8"	19"	60"	2.5 LBS.	35, 40, 45, 50, 55, 60, 65
BRACE HEIGHT	RISER LENGTH	BOW LENGTH	MASS WEIGHT	DRAW WEIGHT

GAMEMASTER II™ SPECS

7-8"	21"	62"	2.9 LBS.	35, 40, 45, 50, 55, 60, 65
BRACE HEIGHT	RISER LENGTH	BOW LENGTH	MASS WEIGHT	DRAW WEIGHT

HUNTING COLOR OPTIONS:
REALTREE AP™, REALTREE MAX-1* AND BLACK RISER/MAPLE LIMBS



HOYT
TRADITION



DORADO
GAMEMASTER II

HOYT TROPHY ROOM

GET SERIOUS. GET HOYT.



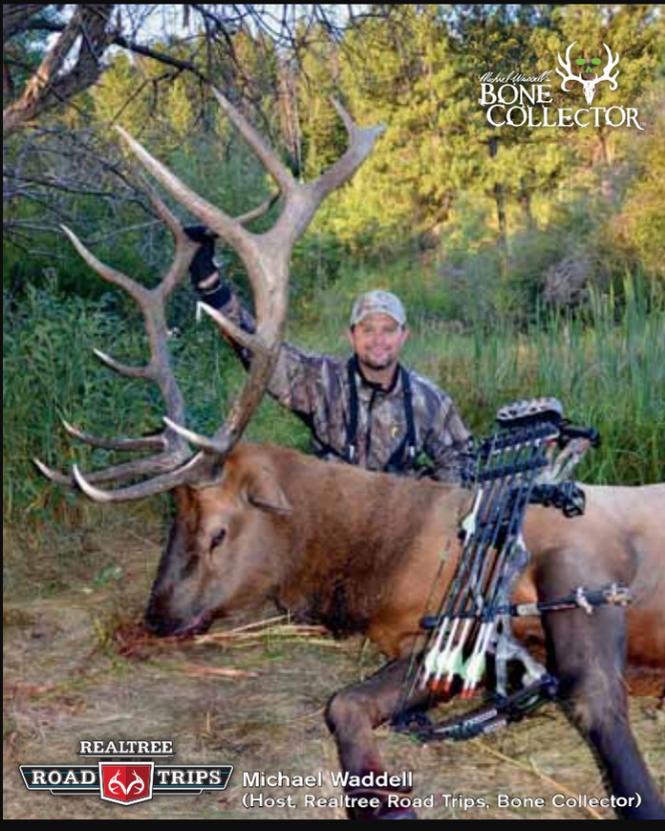
Ralph Cianciarulo
(Host, Archer's Choice, The Choice)



Vicki Cianciarulo
(Host, Archer's Choice, The Choice)



Brooks Johnson
(Arrow Affliction)



Michael Waddell
(Host, Realtree Road Trips, Bone Collector)



Craig Morgan
(All Access Outdoors)



Cameron Hanes



Ryan Klesko
(Hardcore Hunting TV)



Gary Bogner
(Host, Arrowhead Adventures)



Fred Eichler
(Host, Easton Bowhunting TV)



JT Harden
(Hardcore Hunting TV)



Michele Eichler
(Host, Muzzy TV)



Randy Ulmer



Nick Mundt (Co-Host, Bone Collector;
Co-Host Realtree Road Trips)



Travis "T-Bone" Turner (Co-Host, Bone Collector;
Co-Host Realtree Road Trips)



Bill Winke
(Host, Midwest Whitetail)



John Dudley
(Host, Nock On TV)





Adam Wells

Art Helin

Anthony Dixon

Austin Hand-Farris

Dan'l Anselmo (Engineering)

Ben Wilson

Bill Henneman

Bob Robb

Daniel Staton

Dean Ashton

Greg Wodack

Evan Williams

Jeff Frey

Jace Bauserman

Brock Zobell

Alex Cole (Sales)

Justin Tuck

Chase Fulcher

Randy Walk (President)

Chad Montgomery

Allen Bolen

Brendan Burns

Andrew Munsell

Ann Altmann

Jared Harrington

Arika Sanders

Brandon Ray

Autumn Ifland

Brett Mueller

Cody Eldredge

Mike Luper (Dir., Sales & Marketing)

Thomas Hermann

Danny Farris

George Sensabough

Brady Arview

James Stirling

Brandon Vantassel (Engineering)

Brenda Aase

John Schwan

Brian Brochu

Barry Lied

Conley Eldredge

Brian Fortenbaugh

Brian Jones

Brian List

Todd Griffith (Customer Service)

Cody Jones

Jay Verzuh

Jake Foster

Craig Olsen

Joe Rush

Curt Wells

Scott Wolfe

Kaylee Geist

Brian Suschke

Brooke Bauer

Casey Brooks

Buddy Tunnicliffe

Kurt Geist

Chad Rodgers

Andrew Gue

Darin Cooper

Darron McDougal

Jen Kresser

Zach Nicholson

Dave Dance

Chad Lathrop

Kurt Schirado

Larry Minch (Sales)

Charlie Perry

Clayton Tuner

Clint West

David Draper

Lee Brandkamp

Dennis Howell

Sharee Martin

Drake Shurley

Eliot Dalton (Engineering)

Tony Hansen



Tina Sprague

Ricardo Longoria

Drew Whiting (Mfg. Engineer)

Martin Hug

Broden Smith

Ryan Eaves

Shaun Hirst

Greg Clements

Jared Hilton

Max Hunt

Joey Menengatti

Matt Bateman

Andy Melton

Jason McKee

Zach Holt (Sales)

Randy Freed

Tom Drifill (Customer Service Manager)

Tyler Selby

Shaine Reece

Frank Ortiz

Harry Dudley

Dwight Schuh

Gary Cornum

Corey Jacobsen

Dan Beraldo

Jared Pfeifer

Jeff Dobbins

Jay Walk

Tony Peterson

J.T. Felt (Engineering)

Jeremy Eldredge (Marketing Manager)

Seppie Cilliers

Shawn Mosen

Joe Harkner

Grace Drifill

Jason Homan

Jaime Lovett

Curt Headington

Jason Greenstreet

Jim Horn

Pete Mull

Matt True (Sales)

Matt Palmquist

Morgan Dugger

Gabe Vanwormer

Sarah Widdick

Kevin Wilkey (Marketing)

Travis Jensen

Justin Shaffer

Justin Lowry

Steve Memmott (Prod. Manager)

Jon Massie

Dick Tone

Nick Foster

Tom Hoffman

Sharon Dudley

Taylor Edwards

Mike Slinkard

Jen Ulam

Jim Pickering

Lane Farris

Shane Whiting

John Arman

Lee Hetherington

Justin Fisketjon

Ron Gaines

Isaac Aleman

Sean Graese

Tyson Patton

Shawn Ryan (Sales)

Jesse Nelson (Sales)

Randy Finch

Wii Askew

Mark Melotik

Charley Carlson

Marc Smith

Trevon Stoltzfus

Lance Zobell (Production)

THE BEST IN THE WORLD SHOOT HOYT

Some shooters shoot to live. Others live to shoot. Both types can agree on one thing – when it comes to pinpoint accuracy, unmatched reliability, relentless performance and podium-topping results, nothing comes close to Hoyt. 2011 was yet another year of Team Hoyt domination in every competitive circuit all over the globe. More world records, more victories, more absolute excellence. No matter the venue – outdoor target to indoor, 3-D and field, no other bow company comes close to Hoyt's competition success. One small example is the chart below. Looking at the most competitive categories in archery – the Men's Open Pro category in World Archery, IBO, ASA, USAA and NFAA – it's easy to see that Hoyt shooters are utterly dominant. No one wins more than Hoyt shooters.

2003-2011 FIRST PLACE TOURNAMENT RESULTS

HOYT®	170
MATHEWS®	99
PSE®	20
MARTIN®	5
BOWTECH®	1
OTHER	1

*Based on Men's Open Pro World Archery, NFAA, USAA, ASA & IBO tournament circuits.



Jesse Broadwater



Rodger Willett Jr.



World Cup Final Champions



Cara Fernandez



Sergio Pagni



Pascale Lebeque, Albina Loginova, Erika Anschutz



Reo Wilde



Peter Elzinga



Jesse Broadwater



Dan McCarthy



Team Hoyt, Las Vegas 2011



Jame Jamison



Jamie Van Natta



Allen Conner



Jamie Van Natta, Christie Colin





ALPHAELITE

PERFECT FUSION

What happens when you take the most popular limb geometry and marry it to the most successful target riser design ever? Hoyt's Shoot-Thru Elite design joins Parallel XT Comp limb technology to create AlphaElite, the first ever long-riser shoot through design with parallel limb technology. The tournament-tested AlphaElite features a stable 36" axle-to-axle length, forgiving 7" brace height and the advanced, ErgoDraw equipped RKT cam for smooth shooting and easy tuning – all at a blistering 320 FPS. Shoot more tens – faster – with AlphaElite.

SHOOT-THRU TECHNOLOGY (STT)

Hoyt's tournament-proven STT Shoot-Thru Technology decreases out-of-plane riser flex and promotes a better balanced bow for the ultimate in tack-driving accuracy. Hoyt's STT equipped bows hold more World Records than any other bow today – more proof that when it comes to the ultimate in accuracy and stability there's nothing like an STT equipped Hoyt.



ALPHAELITE™ SPECS

36"	321	7"	4.4 LBS.
AXLE-TO-AXLE	FPS (ATA)	BRACE HEIGHT	MASS WEIGHT

FEATURED TECHNOLOGIES:
 STEALTH SHOT, SHOOT-THRU TECHNOLOGY, RKT CAM & 1/2" MODULE ADJUSTMENT, PRO-LOCK POCKET, XT COMP LIMBS, 5-LAYER LAMINATED LIMBS, PARALLEL SPLIT LIMB TECHNOLOGY, ALPHASHOX, FUSE CUSTOM STRINGS

TARGET COLOR OPTIONS:
 BLUE FUSION, RED FUSION, ORANGE, COBALT BLUE, JET BLACK, WHITE, BLACK OUT

Chart speed +/- 2 FPS. See inside back cover for more info on ATA speeds, complete specs and color options.



VANTAGE ELITE PLUS

WORLD DOMINATION

Vantage Elite Plus is the most winning compound bow on the world tournament circuit, hands down. It is responsible for more wins and world records than any other bow, period. It's the #1 choice of shooters who can pick any bow, from any maker, for their success. Shooters like Rodger Willett, Jr. who made history with an incredible three World Cup victories in a row, culminating with the World Cup Grand Final victory. Jesse Broadwater, who shot perfect NFAA Field Nationals scores and ran the table in a single week with victories in the NFAA Nationals, USAA Field, USAA Target and Hoyt World Open – to cap it off, he even won the NFAA's famous car shootoff. Jame Jamison, who won the ASA Classic. Albina Loginova, who made history with back-to-back World Archery Championship victories. Reo Wilde, who put his name on every current compound outdoor World Record, besides winning what is arguably the world's toughest compound challenge – The Vegas Shoot. The list goes on, and on, and on. All accomplished with Vantage Elite Plus. Enough said. It's the ultimate compound target bow.



VANTAGE ELITE PLUS GTX

VANTAGE ELITE PLUS SPIRAL X

VANTAGE ELITE PLUS™ GTX™ SPECS

40 1/2" **309** **8 1/8"** **4.8 LBS.**
 AXLE-TO-AXLE FPS (ATA) BRACE HEIGHT MASS WEIGHT

VANTAGE™ ELITE PLUS SPIRAL X™ SPECS

40 3/8" **315** **7 3/4"** **4.8 LBS.**
 AXLE-TO-AXLE FPS (ATA) BRACE HEIGHT MASS WEIGHT

FEATURED TECHNOLOGIES:
 SHOOT THRU TECHNOLOGY, CAM & 1/2 TECHNOLOGY, PRO-LOCK POCKET, 5-LAYER LAMINATED LIMBS, SPLIT LIMB TECHNOLOGY, ALPHASHOX, FUSE CUSTOM STRINGS

TARGET COLOR OPTIONS:
 BLUE FUSION, RED FUSION, ORANGE, COBALT BLUE, JET BLACK, WHITE, BLACK OUT



CONTENDER SERIES

NOCK CRUSHER

Successful target shooters are a loyal bunch. It seems once we fall in love with a bow geometry, we never want to leave it. We get that – which is why you can count on Hoyt to give you time-tested geometries with the latest proven accuracy enhancing technologies. The Contender Series traces its DNA back to the fundamentals we discovered years ago as vital to accuracy and repeatability. Contenders have a feel and shootability all their own, with premium 5-Layer Laminated Hoyt limbs, Pro Lock zero tolerance pockets, and a choice of standard or STT Shoot-Thru risers, high performance Spiral-X cams, or exceptionally smooth, adjustable GTX cams. Contender is a proven champion and today's premium choice for competitive shooters seeking nock-crushing accuracy, and a place on the podium.

CONTENDER™ GTX (XT 2000™) SPECS

38 5/8" **313** **7 1/8"** **4.6 LBS.**
 AXLE-TO-AXLE FPS (ATA) BRACE HEIGHT MASS WEIGHT

CONTENDER™ GTX (XT 3000™) SPECS

41 5/8" **303** **7 3/4"** **4.8 LBS.**
 AXLE-TO-AXLE FPS (ATA) BRACE HEIGHT MASS WEIGHT

CONTENDER™ SPIRAL X (XT 2000™) SPECS

38 1/2" **315** **6 5/8"** **4.6 LBS.**
 AXLE-TO-AXLE FPS (ATA) BRACE HEIGHT MASS WEIGHT

CONTENDER™ SPIRAL X (XT 3000™) SPECS

41 3/4" **310** **7 3/8"** **4.8 LBS.**
 AXLE-TO-AXLE FPS (ATA) BRACE HEIGHT MASS WEIGHT

FEATURED TECHNOLOGIES:
 STEALTH SHOT, SHOOT-THRU TECHNOLOGY, RKT CAM & 1/2, MODULE ADJUSTMENT, PRO-LOCK POCKET, XT COMP LIMBS, 5-LAYER LAMINATED LIMBS, PARALLEL SPLIT LIMB TECHNOLOGY, ALPHASHOX, FUSE CUSTOM STRINGS

TARGET COLOR OPTIONS:
 BLUE FUSION, RED FUSION, ORANGE, COBALT BLUE, JET BLACK, WHITE, BLACK OUT



CONTENDER

CONTENDER ELITE

Chart speed +/- 2 FPS. See inside back cover for more info on ATA speeds, complete specs and color options.



Sander Dolderman NED

Adam Gallant

Anders Malm SWE

Anne Lanteeq FIN

Antoine Violetay FRA

Ruben Ochoa MEX

Jeff Fabry

Derry Null

Danny Evans

Linda Ochoa MEX

Brian Visco

Lucy O'Sullivan GBR

Marko Jarvenpaa FIN

Maja Marcen COL

Nichola Simpson GBR

Nicky Hunt GBR

Paul Thompson

Mike Brosnan, Pat Coghlan, Derek Jacobs AUS

Bobby Cothran

Logan Wilde

Cabe Johnson

Dale Jones

Don Ward

Dejan Sitar SLO

Diane Watson

Dee Wilde

Lucy Holderness GBR

Mary Hamm

Mel Shrewsbury

Vladas Sigaukas LTU

Paige Pearce

Sandrine Vandionant FRA

Sebastien Peineau FRA

Richard Leftwich

Pietro Greco ITA

Garrett Ayersman

Eugenia Salvi ITA

Frank Addington Jr.

Fred Van Zutphen NED

Eric Griggs

Gary Smith Jr.

George Ryals IV

Glen Brazel

Isabell Danielsson SWE

Steve Boylan

Richard Potter

Roberto Hernandez ESA

Roger Hoyle

Zak Kurtzhals

Russell Payne

Andrea Gales GBR

Paul Titscher GBR

Kailey Johnston

Kevin Wilkey

Ivana Buden CRO

Jacob Phelps

Jari Haavisto FIN

Jay James

Jean Pizaro PUR

Joanna Chesse FRA

Joe Kapp

Jorge Jimenez ESA

Sebastien Brasseur FRA

Tony Tazza

Ulrika Sjowall SWE

Viktoria Balzhanova RUS

Patrizio Hofer SUI

Walter Rush

Pierre-Julien Deloche FRA

Rod Menzer

Kenny Lantz

Dominique Genet FRA

FORMULA

REDEFINING RECURVE

PARALEVER MOUNTING SYSTEM™

When we introduced Formula to the world in 2010, we knew it would shake up the status quo. Formula exceeded our wildest hopes, taking 30 times more gold medals in its first year than any other 2010 recurve bow.

Why does the Formula System work so well? One reason is synergy. Multiple synergies that decrease limb to riser stress, extract more stored energy from the dedicated Formula Series limbs, kill vibration and even improve the critical holding and aiming cycle used by most top shooters today. Another reason is simple, improved precision – the Paralever pocket is longer and much more precise than previous designs.

That's why Formula is firmly the choice of the world's top shooters, like Oh, Jin-Hyuk, Viktor Ruban, Bérengère Schuh, Simon Terry, and Natalia Valeeva. Formula continues to set records around the world, achieving incredible results, propelling Brady Ellison to his back-to-back World Cup Grand Final victories – and now, the #1 men's recurve world ranking.

Never stop pushing innovation. Never stand still. Never settle for "good enough". That philosophy is one that Hoyt and Hoyt shooters share, the most winning bows in the world, shot by the most-winning shooters in the world. And Formula is the result.

REDUCED VIBRATION & STRESS

The Formula Paralever Mounting System radically reduces stress and vibration by up to 44%.

Paralever also improves the accuracy of the limb to riser fit by 50%, making it the most precise limb fitting system in the world.

CUSTOM GRIP OPTIONS

All current Hoyt recurve risers are compatible with 2012 Hoyt grips. So, it's simply a matter of selecting your favorite. No matter which you choose, you'll have a torque-free, comfortable repeatable grip that works with you to promote a relaxed bow hand and effective follow through. All grips available in left or right hand.



BRADY ELLISON: 2X WORLD CUP CHAMPION

When Brady Ellison started down the difficult path of switching from compound to the recurve discipline with dreams of Olympic glory in his goals, no one predicted that in a few short years he would make history and become the undisputed #1 male recurve archer in the world.

Since picking up the new Hoyt Formula recurve in 2010, Brady has had an unprecedented streak of success on the world stage. Brady is now the most-winning shooter in the world. After winning two World Cup stages in 2010, he went on to take the Grand Final. In 2011, Brady exceeded anyone's wildest expectations, wielding his unstoppable Formula bow to an historic three World Cup stage wins in a row, and taking a decisive victory in the Grand Final once again, making him the first recurve shooter with back-to-back World Cup Champion titles.

FORMULA HPX

The new Formula HPX increases performance with a more aggressive and efficient geometry, yet gives up nothing in accuracy, stability or shootability. Tested and proven by some of the world's most accomplished shooters, the new HPX geometry extracts more energy from the draw and decreases vibration at all draw lengths. HPX's unique dynamics also promote faster aiming and a smoother follow-through. HPX's proven Paralever Limb System provides for a smooth draw allowing the choice of shorter than usual riser-limb combinations. This provides the option of even more performance gain possibilities for experienced shooters. Like all Formula series risers, HPX features Hoyt's exclusive Dynamic Flex Control, for enhanced riser follow-through and shot-to-shot consistency. Patent pending Pro Series limb bolts come standard. HPX risers are factory-equipped with the Hoyt high wrist wood grip and are compatible with all current Hoyt recurve grips. Available in 25 or 27 inch lengths, HPX is the new recurve performance benchmark.

FORMULA HPX™ 25" SPECS

25" LENGTH 2.7 LBS. / 1,224 GRAMS MASS WEIGHT

FORMULA HPX™ 27" SPECS

27" LENGTH 2.8 LBS. / 1,270 GRAMS MASS WEIGHT



PATENT PENDING PRO SERIES TILLER BOLT

Hoyt's new, patent pending Pro Series Tiller Bolt System allows the bolt head to pivot, allowing full contact between the entire contact surfaces of limb and tiller bolt no matter what tiller setting is selected. This improves vibration management and decreases wear and tear on the surface of the limb. The tough Delrin® liner prevents noise generation between the bolt and limb, and allows for an incredibly smooth weight or tiller setting even when adjustments are made while the bow is strung.

FORMULA RX

Now enhanced with Hoyt's new patent pending Pro Series limb bolt, Formula RX features traditional Hoyt geometry and an unmatched track record of success – including the 70m Men's World Record. Available in 25 or 27 inch lengths and factory equipped with the Hoyt medium wrist wood grip.

FORMULA RX™ 25" SPECS

25" LENGTH 2.7 LBS. / 1,224 GRAMS MASS WEIGHT

FORMULA RX™ 27" SPECS

27" LENGTH 2.9 LBS. / 1,315 GRAMS MASS WEIGHT

FORMULA EXCEL

Formula Excel™ puts Formula Series Paralever Pocket Technology within reach of the tightest archery budgets. The sleek, 25" Formula Excel delivers performance and value with a simple, reliable alignment system, the popular standard grip, and legendary Hoyt machined riser precision. Compatible with all current Hoyt grips and Formula Series limbs.

FORMULA™ EXCEL 25" SPECS

25" LENGTH 2.5 LBS. / 1,133 GRAMS MASS WEIGHT

LIMB DAMPING BUSHING

Formula Series Limb Damping Bushing allows the use of accessories like the FUSE Limb Blade (shown here) or even a simple Doinker® suppression mount – to absorb vibration before it gets to the riser. This patent pending feature is exclusive to the Formula Series.



FORMULA RX

FORMULA EXCEL

FORMULA LIMBS

THE PERFECT PAIRING

FORMULA SERIES CARBON F7™

The fastest Formula Series limb ever engineered. The all new F7 uses innovative Triaxial Carbon Technology – developed for demanding aerospace applications. F7 features enhanced recovery rates, optimal torsional stability and all-temperature performance, with the lowest total mass weight of any Hoyt recurve limb ever made. The use of triaxial and unidirectional quad carbon layers and a choice of either Hoyt's legendary Syntactic Foam Core Technology or traditional laminated hard rock maple cores result in more speed, decreased sound and vibration, and an astounding 1,000-dry-fire capability, for ultimate durability. F7 is the new podium leader. (Available in 22 to 50 lbs. in 2 lb. increments, short, medium and long lengths.) (All dry-fire testing is done by trained technicians with proper equipment. Dry firing (drawing and releasing a bow without an arrow) is extremely dangerous and should never be done. Hoyt's 1,000 dry fire test and standard is for Hoyt limbs only.)



FORMULA SERIES CARBON F4™

Proven across the globe in all conditions, the carbon foam core F4 is fast, comfortable to shoot, and reliable, with high torsional stability. Like all Hoyt recurve limbs, F4 features dynamic alignment for a straight track through the entire power stroke. (Available in 22 to 50 lbs. in 2 lb. increments, short, medium and long lengths.)



FORMULA SERIES CARBON F3™

Hoyt's laminated hard rock maple core carbon F3 is a sweet-shooting, and shock-free limb with total reliability and high torsional stability. F3 brings quiet smoothness to the shot. (Available in 22 to 50 lbs. in 2 lb. increments, short, medium and long lengths.)



FORMULA SERIES CARBON F2™

F2's carbon laminates increase stored energy and increase efficiency for a punchy, positive feel. (Available in 22 to 50 lbs. in 2 lb. increments, short, medium and long lengths.)



FORMULA SERIES EXCEL™

The wood/glass powered Formula Excel™ is the ideal Paralever compatible starter, club and rental program limb, with a choice of three lengths in weights from 20 to 40 pounds. (Available in short, medium and long lengths in 2 lb. increments.)



FORMULA SUCCESS



Alison Williamson GBR

Crispin Duenas CAN

Brady Ellison USA

Natalia Valeeva ITA

Carole Ferriou FRA

Dmytro Hrachov UKR

Elena Richter GER

Hugh MacDonald CAN

Jacob Wukie USA

Jake Kaminski USA

Jay Lyon CAN

Jean-Charles Valladont FRA

Jessica Tomasi ITA

Joe Fanchin USA

Jon Shales GBR

Karina Winter GER

Kateryna Palekha UKR

Magnus Petersson SWE

Franck Fisseux FRA

Marco Galiazzo ITA

Michael Peart GBR

Berengere Schuh FRA

Viktor Ruban UKR

Simon Terry GBR

Thomas Aubert FRA

Viktoriya Koval UKR

Yavor Hristov BUL

Markiyan Ivashko UKR

Ilario Di Buo ITA

Sebastian Roherberg GER

HDS RISERS

CLASSIC PERFORMANCE

GMX

GMX keeps classic Hoyt geometry and feel in the forefront of Hoyt Dovetail System (HDS) risers in a proven 25 inch configuration. Now equipped with the patent pending Pro Series Limb Bolt Alignment System for silky-smooth adjustment and lower noise and vibration levels, GMX is compatible with all current Hoyt recurve grips and HDS system limbs.

GMX™ SPECS

25"
LENGTH

2.9 LBS. / 1,315 GRAMS
MASS WEIGHT

HORIZON & EXCEL

Horizon and Excel provide high performance at starter bow prices. The 25 inch Horizon features a simple and reliable pivot block alignment. Excel is available in 21 and 23 inch lengths ideal for youth and smaller stature shooters. Both Horizon and Excel are compatible with all current Hoyt grips, and HDS limbs.

HORIZON™ SPECS

25"
LENGTH

2.5 LBS. / 1,133 GRAMS
MASS WEIGHT

EXCEL™ SPECS

21", 23"
LENGTH

2.0 LBS. / 907 GRAMS
MASS WEIGHT

Excel weight based on 21" length. 23" length is 2.2 lbs. (997 grams).
See inside back cover for color options.



HDS LIMBS

CUSTOM PERFORMANCE

990TX™ LIMBS

The professional level 990TX has been proven around the world as the premium HDS compatible limb. Advanced Carbon Construction and exclusive Hoyt syntactic foam cores enhance speed and stability, making 990TX a proven winner. (Available in 22 to 50 lbs. in 2 lb. increments, short, medium and long lengths.)



CARBON 550™ LIMBS

No bow company has more experience with wood carbon limbs than Hoyt. The 550 Carbon provides legendary Hoyt feel and performance in a full laminated hard rock maple core equipped HDS compatible carbon limb. (Available in 22 to 50 lbs. in 2 lb. increments, short, medium and long lengths.)



ZR330™ LIMBS

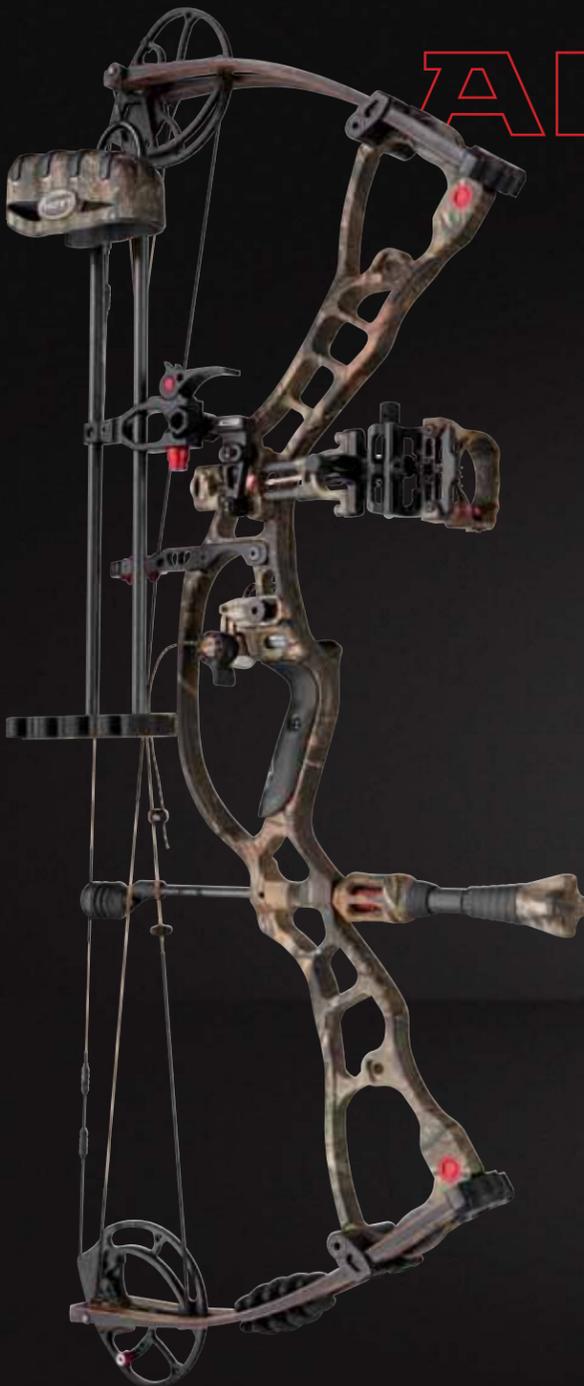
Setting the standard for affordable performance, the ZR330 laminated maple core glass limb proves that intermediate level shooters don't have to compromise to get performance at a great price. (Available in 22 to 50 lbs. in 2 lb. increments, short, medium and long lengths.)



EXCEL™ LIMBS

Beginning and intermediate shooters can start with the best with Excel. Popular lengths and weights combined with affordable prices make Excel a top choice of school programs, club programs and pro shop limb rental programs. Built Hoyt tough, but still fast and sweet shooting, Excel is a great choice for beginning and intermediate shooters looking for American made quality in a starter level recurve limb. (Available in 20 to 34 lbs. in 2 lb. increments, short and medium lengths.)





ACCESSORIES



Carbon Pro Series 5 Pin

Standard Pro Series 5 Pin

HOYT CARBON & STANDARD PRO SERIES SIGHTS

New for 2012, Hoyt Carbon and Standard Pro Series sights bring bowhunters, 3D, and target shooters sophisticated and functional features and cutting edge technologies. Carbon Pro Series sights are equipped with the latest Hoyt Dual-Rod Carbon Mount (patent pending) for low mass and vibration resistant mounting. Standard Pro Series sights feature an economical, machined aluminum plate mounting system. All models feature fully encapsulated stainless steel tube protected fibers and an advanced new carbon composite housing for high strength and even less cantilevered mass weight. Options for both series sights include standard gang adjust or micro gang adjust, 3, 5 or 7 pin arrays with precise .019 pins, or a hunter-optimized option with a single fast-acquisition .029 pin on top and the remaining pins in .019 for longer distances. All Hoyt sights offer third axis leveling. All Pro Series sights are available in Black Out, Realtree AP™ and Max-1® camo.



HOYT ULTRA REST

The total arrow launch solution, the patented Hoyt Ultra Rest™ dropaway is packed with features ensuring total performance and reliability and is designed specifically for Hoyt TEC bows. At full draw, VDT (Velocity Dropaway Technology™) is activated. The Ultra Rest knows to drop away ONLY when the bow is fired, not when letting down. If the bow is let down slowly, the launcher returns to the capture position, still ready for the shot. Convenient thumb lever allows loading and total arrow capture in one fluid motion without taking your hand off the bow grip. Finish options include anodized Realtree AP™ camo or a versatile, non-glare anodized black finish.



Launcher Rest

Prong Rest

Fall-Away

Super Rest

Hunter Rest

Quiet Track Rest

TEC RESTS

Engineered for a rock-solid, no-compromise fit interface with Hoyt TEC risers, our TEC series rests come in three configurations to cover any style of shooting. Choose from the patented ultra-precise Launcher Rest (ideal for target), the popular and silent Prong Rest (ideal for hunting), or the versatile Fall-Away for total arrow clearance.

HOYT PRO SERIES QUIVERS

Hoyt Pro Series Quivers are the perfect hunting partner for your hard-hunting Hoyt compound or recurve. Pro Series Quivers represent the pinnacle of design, craftsmanship and function. Models include a two-piece, wide-span fixed mount for maximum security and support, a 1-piece detachable, and a Shorty detachable model attaching to the upper riser mount only. Both are equipped with the Power Clamp™ QD, a silent, secure and simple mount allowing you to instantly remove your quiver and hang it in your tree stand. The Power Clamp™ QD system also brings the quiver inboard toward the center line of the bow for a more neutral balance and much better total balance. With Hoyt Pro Series Quivers, you get total compatibility with mechanical or fixed-blade broadheads, and carbon or aluminum arrows of any diameter.

Available in 2-piece fixed-mount design for all Hoyt bows, including specific models for Buffalo recurve and Hoyt Carbon Technology Riser equipped bows, 1-piece Power Clamp QD, and economical E3 QD models. All QD versions include convenient hanger loop. Options include a choice of 4 or 6 arrow capacity, a single arrow gripper (for arrows equipped with conventional broadheads embedded in hood foam) or dual gripper (for mechanical and other broadheads and no hood foam). All models are available in finishes matching your Hoyt hunting bow.



POWER CLAMP™ QD SYSTEM

The Power Clamp QD system is the ultimate in quick detach designs. Lightweight machined aluminum components ensure a solid, durable connection without weighing you down and an easy-glide pivot point provides for smooth, quiet clamping action. The high-tech mounting system allows for inboard/outboard adjustment keeping your quiver tight and compact to the riser for better bow balance.



1-Piece Dual Gripper Power Clamp QD

1-Piece Single Gripper Power Clamp QD

1-Piece Shorty Double Gripper Power Clamp QD

1-Piece E3 Double Gripper QD

2-Piece Fixed Mount

HOYT PRO SERIES STABILIZER

Ultra-rigid carbon fiber maintains the optimal, strategically designed weight away from the riser for optimum balance efficiency with less overall mass. The 6 inch, 6.8 ounce Pro Series Stabilizer comes fully equipped with a custom weight unit and damper, and is ready to help you shoot steadier right out of the package. Available in Black Out, Realtree AP™ and Max-1® camo.



180 Grip

Pink 180 Grip

Standard Wood

High Wrist Wood

Wood Side Plates

PRO-FIT CUSTOM GRIPS

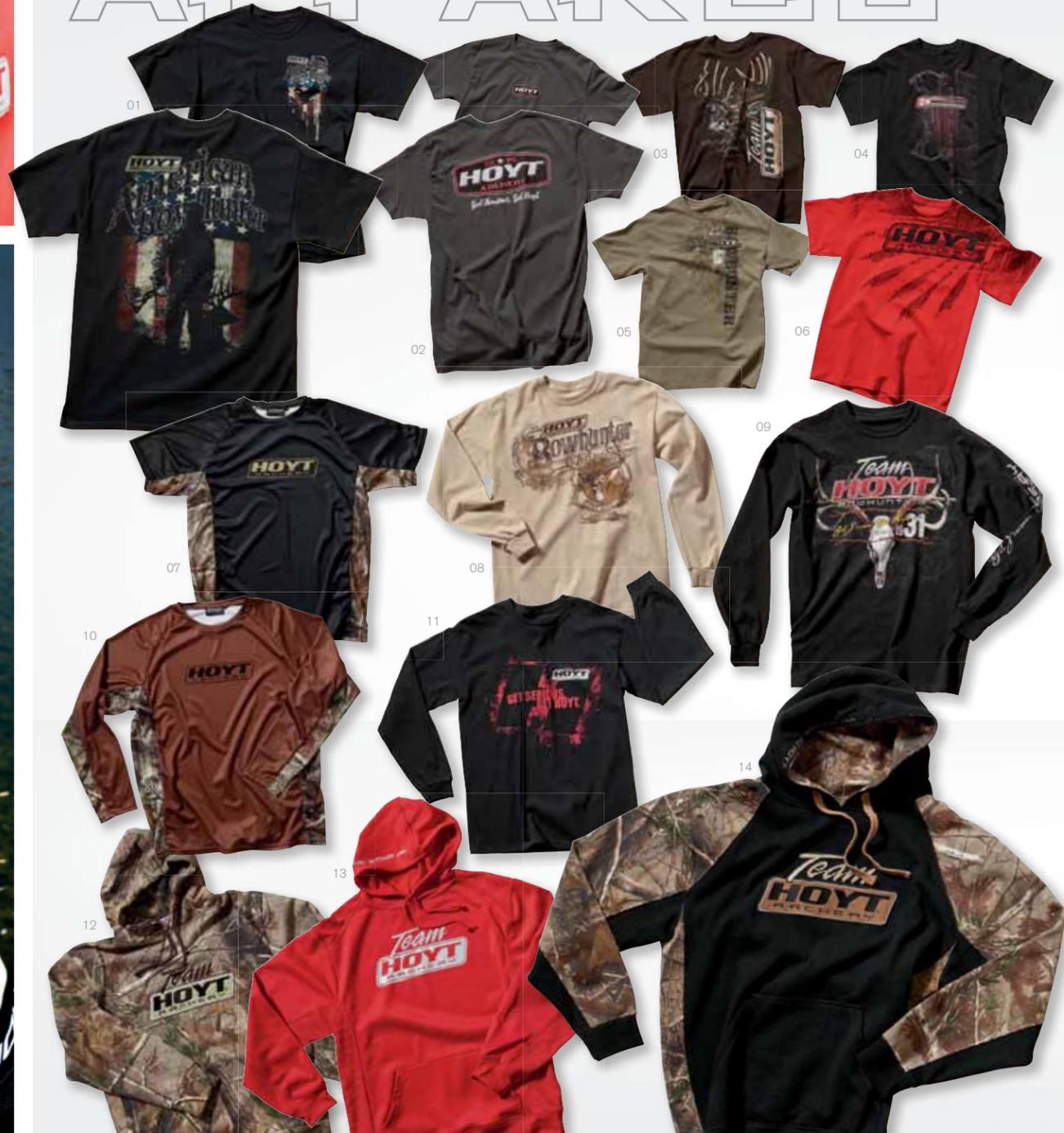
80 years of designing the most accurate bows in the world has taught us a thing or two about bow grips. One thing we know is, one size does NOT fit all when it comes to the ideal grip. That's why Hoyt provides you with versatile choices for the final custom touch. Hoyt's renowned Pro-Fit 180 Grip comes standard on all Hoyt hunting bow models. Designed with a comfortable, repeatable neutral angle and featuring a thermo-polymer layer affording a warm feel on frosty morning hunts, the slim 180 Grip also promotes a better torque-free shot.

Pro-Fit custom grips are not available for Vantage models, AlphaElite, Contender Series or Ruckus.





MEN'S APPAREL



TEE'S/HOODIES

01. American Bowhunter Tee
02. Old School Tee
03. Woodcut Whitetail Tee
04. Carbon Tech Tee
05. Skull Hunter Tee
06. Straight Shot Tee
07. Camo Trim Performance Tee
08. Bowhunter LS Tee
09. Euro Skull LS Tee
10. Camo Trim Performance LS
11. Get Serious LS Tee
12. AP Camo Pullover Hoody
13. Red Performance Hoody
14. Camo Trim Hoody

SPECIALTY SHIRTS

15. Camo Shooter Jersey
16. Shooter Jersey
17. V-Neck Jersey
18. Young Buck Onesie
19. Black Quick-Dry Hoody
20. Pinstripe Shop Shirt

SHIRT/HAT COMBOS

21. Black Shirt/Hat Combo
22. Grey Shirt/Hat Combo

PERFORMANCE

23. All Season Jacket
24. Fleece Vest
25. Fleece Jacket

AP Camo Cap Team Hoyt Black & Camo Cap Blaze Orange Team Hoyt Cap Max-1 Camo Cap Max-1 Camo Visor Archery Beanie Reversible Beanie (Camo/Blaze Orange) Mesh Back Shooter Cap High Performance Full Back Cap Team Hoyt Skull Cap Brown Mesh Back Cap Rugged Mesh Cap American Bowhunter Cap Olive Mesh Cap



WOMEN'S APPAREL



HOYT APPAREL

- 01. Ladies Floral Hoody
- 02. Ladies Light Zip Hoody
- 03. Ladies AP Military Cap
- 04. Ladies Hoyt Chick Cap
- 05. Ladies Heart Hoyt Tee
- 06. Ladies Tech Pullover



VIXEN APPAREL

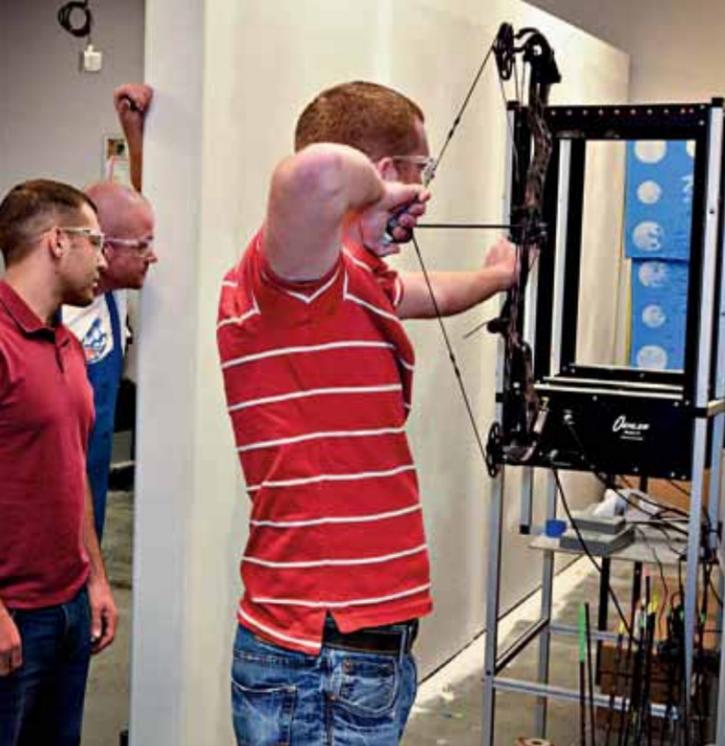
- 01. Pink Vixen Sport Hoody
- 02. Lime Green Hoody
- 03. Vixen Deer Hoody
- 04. Vixen Cinch Bag
- 05. Black Form-Fit LS Tee
- 06. Vixen Lounge Pants
- 07. Vixen Camo Deer Twofer
- 08. Vixen Slate Blue LS Tee
- 09. Gray Baseball Cap
- 10. Tickled Pink Beanie
- 11. Jet Black Military Cap
- 12. Plaid Military Cap
- 13. Vixen Girl Military Cap
- 14. Vixen Chocolate Tee
- 15. Vixen Olive Tee
- 16. Vixen Black Floral Tee
- 17. Jeweled Silver Necklace
- 18. "X" Rack Necklace
- 19. Classic Silver Bracelet
- 20. Silver Charm Bracelet

HOYT GEAR



HOYT GEAR/PROMO ITEMS

- 01. Molded Bow Case w/Carbon Weave Design
- 02. Team Hoyt Bow Case
- 03. Camo Bow Case
- 04. Camo Field Quiver
- 05. Hoyt Tech Lite Hip Quiver
- 06. Target Hip Quiver
- 07. Field Quiver
- 08. Universal Bow Sling
- 09. Formula Recurve Backpack
- 10. Recurve Backpack
- 11. Hoyt Archer Backpack
- 12. Recurve Stringer
- 13. Hoyt 8' Banner
- 14. Hoyt 3' Banner
- 15. Hoyt Sticker Sheet
- 16. Indoor/Outdoor Flag (5' x 3')
- 17. License Plate Frame
- 18. Hoyt Keychain
- 19. Vicxen Deer Decal (3" x 6")
- 20. Vicxen Logo Decal (6" x 1.25")
- 21. Mesh Window Decal (approx. 34")
- 22. Jumping Buck Decal (9" x 11")
- 23. Hoyt Buck Skull Decal (9" x 11")
- 24. Shooter & Buck Decal (9" x 11")
- 25. Trash Buck Decal (9" x 11")
- 26. Hoyt Color Decal (9" x 11")
- 27. Buck Fight Decal (9" x 11")
- 28. Hoyt White Vinyl Decal (9" x 11")
- 29. Release Pouch
- 30. Team Hoyt Towel
- 31. 2012 Hoyt Stool



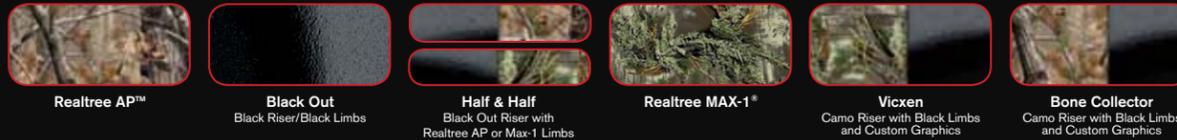
REAL SPEED. REAL NUMBERS.

At Hoyt, all of our speeds are based on the Archery Trade Association (ATA) velocity rating standards (ATA/BOW-104-2008). This industry standard states: "The compound bow's peak draw force (weight) will be set at 50, 60 or 70 pounds (± 0.1 pounds). The compound bow is to be drawn to and shot at the ATA actual draw length of 30 inches (+ 1/4, - 0 inches). Test arrows must weigh 5 grains per pound of total bow peak draw force." This ATA standard is a consistent and very clear standard with no ambiguity. (Hoyt tests are performed at 70 lbs.)

IBO speed ratings allow for speed to be obtained from up to an 82 pound max draw weight bow with no defined draw length or clear tolerances, as long as the test is performed with an arrow weighing 5 grains for each pound of draw weight.

At Hoyt, we feel it is especially important to test velocity ratings by the ATA Standard, since it is the industry standard created specifically to provide an honest, consistent velocity measurement from bow to bow, and manufacturer to manufacturer. When it comes to speed ratings, know the difference. Verify speeds from bow to bow and manufacturer to manufacturer for yourself, in an "apples to apples" comparison. You will appreciate your Hoyt bow even more.

HUNTING COLOR OPTIONS: (AVAILABLE ON ALL COMPOUND BOWS. See pages 22-23 for more details)



TARGET COLOR OPTIONS: HIGH-POLISH ANODIZE:



CUSTOM PAINT AND POWDERCOAT:



Pink available upon special request

Product Category	High-Polish Anodize	Pearl White Custom Paint	Red, Blue, Black Custom Paint	Red, Blue, Black, White Powdercoat	Black Out
ALL ALUMINUM COMPOUND	•	•			•
CARBON MATRIX PLUS RKT/ RAMPAGE/RAMPAGE XT		•	•		•
PROHAWK/RUCKUS			•		
ALL ALUMINUM RECURVE	•	•			•
FORMULA EXCEL/HORIZON		•	•		•
EXCEL				•	•

Photo credits: Derek Smith, John Hafner, Dean Alberga, Yoshi Komatsu, Kathy Poole, Teresa Iaconi/ USA Archery and Lane Peters

Note: At the time of production of our 2012 Product Guide, the bows, limbs, cams, color options, and all other accessories shown, and the information contained had been thoroughly checked for accuracy. However, in the event that a typographical error was missed, Hoyt reserves the right to notify our dealers and customers at its discretion. Additionally, Hoyt reserves the rights to modify, change or discontinue products shown in this publication without notice. Bowtech is a registered trademark of Extreme Technologies, Inc. Mathews is a registered trademark of Mathew A. McPherson. PSE is a registered trademark of Precision Shooting Equipment, Inc. Martin is a registered trademark of Martin Archery, Inc. Doinker is a registered trademark of William L. Leven. Realtree is a registered trademark of Jordan Outdoor Enterprises, LTD. Bone Collector is a registered trademark of Michael Waddell, LLC.

HOYT COMPOUND BOW LIMITED LIFETIME WARRANTY

All Hoyt compound bows are guaranteed against manufacturing defects in materials or workmanship to the original owner on all risers, limbs, limb pockets, and eccentrics for the life of the product.*

*For all warranty details see your compound owner's manual or hoyt.com. Bows purchased over the internet or through mail order void all warranty.

HOYT RECURVE BOW LIMITED LIFETIME WARRANTY

Hoyt recurve handles are guaranteed against manufacturing defects in materials and workmanship to the original owner for the life of the product.*

*For limb warranty and other components please see warranty policy in owner's manual.

2012 COMPOUND BOW SPECS

Bow	Carbon Element RKT	Carbon Matrix RKT	Carbon Matrix Long Draw	Vector 32	Vector 35	Vector Long Draw	Vector Turbo	CRX 32	CRX 35	Rampage XT	Rampage XT Long Draw
Limb	XTS PRO ARC	XTS PRO ARC	XTS 1000	XTS PRO ARC	XTS PRO ARC	XTS 1000	XTS PRO ARC	XTS PRO ARC	XTS PRO ARC	XTS PRO ARC	XTS 1000
Cam	RKT	RKT	RKT	RKT	RKT	RKT	RKT	FUEL	FUEL	FUEL	FUEL
Draw Length Options for Each Cam Size	24.5-26" 26-28" 28-30"	25.5-27" 27-29" 29-31"	31-32"	24.5-26" 26-28" 28-30"	25.5-27" 27-29" 29-31"	31-32"	24.5-26" 26-28" 28-30"	24.5-26" 26-28" 28-30"	25.5-27" 27-29" 29-31"	24.5-26" 26-28" 28-30"	30.5-31"
FPS (ATA)	330	325	337 @ 32"	330	325	337 @ 32"	340	323	318	323	323 @ 31"
Brace Height	6 3/4"	6 3/4"	7 1/2"	6 3/4"	6 3/4"	7 1/2"	6"	7"	7"	7"	7 3/4"
Mass Weight	3.6 lbs.	3.8	4	4	4.2	4	4.2	3.95	4.2	4	4.2
Axle-to-Axle	32"	35"	35 1/2"	32"	35"	35 1/2"	35"	32"	35"	32"	33"
Draw Weight	30-40#, 40-50#, 50-60#, 55-65#, 60-70#, 70-80#	30-40#, 40-50#, 50-60#, 55-65#, 60-70#, 70-80#	40-50#, 50-60#, 55-65#, 60-70#, 70-80#	30-40#, 40-50#, 50-60#, 55-65#, 60-70#, 70-80#	30-40#, 40-50#, 50-60#, 55-65#, 60-70#, 70-80#	40-50#, 50-60#, 55-65#, 60-70#, 70-80#	30-40#, 40-50#, 50-60#, 55-65#, 60-70#, 70-80#	40-50#, 50-60#, 55-65#, 60-70#, 70-80#	40-50#, 50-60#, 55-65#, 60-70#, 70-80#	30-40#, 40-50#, 50-60#, 55-65#, 60-70#, 70-80#	40-50#, 50-60#, 55-65#, 60-70#, 70-80#
Catalog Pg.	4	6	6	11	11	11	13	18	18	17	17

Bow	Rampage	ProHawk	Ruckus	Vantage LTD	AlphaElite	Vantage Elite Plus	Contender Elite and Contender or Contender Series				
Limb	ZRS 12	ZRS 12	YZ50	XT 3000	XT COMP	XT 2000	Xt 2000	XT 2000	XT 2000	XT 3000	XT 3000
Cam	M4	M4	VersaFlex	AccuWheel	RKT	GTX	Spiral X	GTX	Spiral X	GTX	Spiral X
Draw Length Options for Each Cam Size	23-25" 25-27" 27-30"	23-25" 25-27" 27-30"	18-28"	26-29.5" 28.5-32" 30.5-34"	26-27.5" 27.5-29.5" 29.5-31.5"	25-26.5" 26-27.5" 27-28.5" 28-29.5" 29-30.5" 30-31.5"	25-32.5"	24-25.5" 25-26.5" 26-27.5" 27-28.5" 28-29.5" 29-30.5"	24-31.5"	25.5-27" 26.5-28" 27.5-29" 28.5-30" 29.5-31" 30.5-32"	25.5-33"
FPS (ATA)	306	305	*281	271	321	309	315	313	315	303	310
Brace Height	7"	7 1/4"	6 3/4"	8"	7"	8 1/8"	7 3/4"	7 1/8"	6 5/8"	7 3/4"	7 3/8"
Mass Weight	4.2	4	2.8	5.2	4.4	4.8	4.8	4.6	4.6	4.8	4.8
Axle-to-Axle	34"	32"	29 3/4"	45"	36	40 1/2"	40 3/8"	38 5/8"	38 1/2"	41 5/8"	41 3/4"
Draw Weight	30-40#, 40-50#, 50-60#, 55-65#, 60-70#	20-30#, 30-40#, 40-50#, 50-60#	10-40#, 20-50#	30-40#, 40-50#, 50-60#, 60-70#	30-40#, 40-50#, 50-60#, 60-70#	30-40#, 40-50#, 50-60#, 60-70#	30-40#, 40-50#, 50-60#, 60-70#	30-40#, 40-50#, 50-60#, 60-70#	30-40#, 40-50#, 50-60#, 60-70#	30-40#, 40-50#, 50-60#, 60-70#	30-40#, 40-50#, 50-60#, 60-70#
Catalog Pg.	17	22	23	19	37	38	38	35	39	39	39

Bows and accessories manufactured under one or more of the following patent numbers: 5,682,871; 5,720,267; 5,505,185; 6,871,643; 6,938,616; 5,592,929; 7,574,811; 7,690,372; 7,793,646

Note: All specifications are derived from models measured in the 70/30 configuration or the largest available configuration. *ProHawk FPS shot at 60/30. **Ruckus FPS shot at 50/28.

