



 **HOYT**

2011 **PRODUCT** GUIDE

THE MOST ADVANCE

CARBON ELEMENT™ The most advanced bow. Ever. Perfectly balanced and engineered for lightweight performance, durability and a dead in hand shot. The most advanced features. The most technology. The ultimate culmination of 80 years. The new Carbon Element. See page 5.

CRX™ SERIES The sleekest, leanest TEC LITE riser ever designed. Perfect Balance Technology for ultimate accuracy and consistency. All-new advanced limbs and cams. Lightweight. Dead in hand. Far more than the sum of its parts. This is CRX. Page 11.

RAMPAGE XT/RAMPAGE™ First-of-its-kind riser design. Lightweight. Wicked tough. An engineering marvel. Packed to the gills with industry leading features. At a price you won't believe. Brace yourself for page 13.

PRESIDENT'S LETTER

Hoyt has been on the leading edge of archery for the 80 years of its existence, and for 2011 we're bringing you the most advanced, state-of-the-art lineup of bows we've ever introduced. Hoyt's carbon revolution has erupted and we're excited to bring you even more highly advanced, incredibly effective carbon bow technologies.

Our mix of dynamic technologies and advancements in design and function resonates across our entire lineup. All of our exciting 2011 offerings deliver a long list of new and innovative features and enhancements designed to benefit serious bowhunters and target archers alike.

From everyone at Hoyt, thanks for making us the trusted leader in serious archery innovation for the past 80 years. You've got our commitment that we'll continue to deliver the most advanced, cutting edge products for another 80 years and beyond.

Enjoy the new lineup. It's been a lot of fun bringing it to you.

Here's to your success in the field.



Randy J. Walk Bowhunter, Engineer, President

HOYT **80** FOREVER
YEARS


ARCHERY

D BOW LINEUP EVER.



ALPHAELITE™ For 80 years, no one has pushed the envelope in target archery more than Hoyt. AlphaElite doesn't just push, it full-on shoves its way into high-performance territory and onto the world stage. A first of its kind. Experience it today. Page 35.

BUFFALO™ Take one of the world's most passionate traditional bowhunters and throw him into a room full of archery-obsessed engineers. What do you get? An astonishingly cool trad-bow built on the core of the most successful recurve in the world. The Fred Eichler Signature Series Buffalo. The soul of archery. Reborn. See page 23.



HOYT CARBON TECHNOLOGY™ Hoyt's carbon risers are the strongest and lightest riser designs ever. We designed and built a structure that truly optimizes the strengths of carbon fiber. We custom-tailored specific carbon fiber formulations, stiffness and weights in specific parts of the riser for the best performance. There are more than 40 different carbon components in each Hoyt carbon riser, fully integrated and co-cured to make a single immensely strong but lightweight structure. It's why Hoyt carbon risers are so shootable, quiet and vibration-free. This patent-pending technology is featured on the all-new Carbon Element and Carbon Matrix Plus.



PERFECT BALANCE STABILIZATION SYSTEM™ Hoyt's innovative new Perfect Balance Stabilization System provides for a fully optimized, three-quarter-inch offset of your stabilizer from the bow's centerline, overcoming the negative balance effect of accessories such as sights and loaded arrow quivers. Perfect Balance promotes a steadier hold, faster target acquisition, and a more accurate, torque-free shot.



SILENT SHELF™ Concealment means more than a great camo job – it also means total silence on the hunt. Silent Shelf provides a fully integrated, totally silent contact surface, isolating your arrow from the riser. It also provides a whisper-quiet landing pad for popular drop-away rests. In a high-adrenaline hunting situation the last thing you want is extra noise. Hoyt's new Silent Shelf technology is one more element enhancing your success in the field.



TURNING DREAM HUNTS INTO REALITY
SINCE 1931.





IN-LINE ROLLER GUARD™ Minimizes friction and torque for increased speed, silence and accuracy. Precision rollers and sealed bearings for ultimate reliability in all weather conditions.

SILENT SHELF Totally silent riser shelf surface isolates the arrow from contacting the riser, eliminating unwanted noise in critical hunting situations. Also designed to eliminate noise created from today's popular drop away rests.

CARBON ELEMENT™

BEYOND ADVANCED

PERFECT BALANCE Offset stabilizer position for optimized weight distribution, counter balances bow-mounted accessories resulting in a steadier hold and more accurate shot.

HOYT CARBON TECHNOLOGY Hoyt's hollow tube carbon riser design is the strongest yet lightest weight riser ever engineered. Reduces noise and vibration, is warm to the touch in cold weather hunting conditions, and has been proven as the most advanced, toughest, highest performance riser platform ever built.



NEW At Hoyt, we've always been on the cutting edge of industry leading technology. The new Carbon Element™ is the pinnacle of Hoyt's engineering and design dominance, and it shows. Meticulously crafted utilizing a patent pending hollow carbon tube design with high-performance carbon fiber, the 3.6 lb. Carbon Element is the lightest yet strongest bow we've ever mastered. Not only does carbon provide for an extremely high strength-to-weight ratio, it's also warm to the touch, which you will appreciate on those frigid hunts. Our patent pending carbon tube design reduces sound and vibration to unbelievably low levels for the ultimate, stealthy setup. With all the high-performance technology you can pack into a bow and racy cool looks, the 32" axle-to-axle Carbon Element is the world's premier hunting bow.

32"
AXLE-TO-AXLE

323
FPS (ATA)

7"
BRACE HEIGHT

3.6 LBS.
MASS WEIGHT

Speed +/- 2 FPS. See page 58 for more info on ATA speeds, complete specs and color options.



CARBON MATRIX^{PLUS}

PERFECTION UPGRADED

HOYT CARBON TECHNOLOGY Hoyt's hollow tube carbon riser design is the strongest yet lightest weight riser ever engineered. Reduces noise and vibration, is warm to the touch in cold weather hunting conditions, and has been proven as the most advanced, toughest, highest performance riser platform ever engineered.



IN-LINE ROLLER GUARD Minimizes friction and torque for increased speed, silence and accuracy. Precision rollers and sealed bearings for ultimate reliability in all weather conditions.

QUIVER CONNECTION

Now accepts Hoyt's Pro-Series 2-piece quiver options.


NEW

The bow that rocked the archery world is back and even better. Carbon Matrix blazed new trails, stunned the archery industry, and was arguably the most sought after bow, ever. This legendary Hoyt engineering masterpiece offers an amazingly lightweight – yet nearly indestructible design – along with unprecedented levels of stability, accuracy and smoothness. Carbon Matrix Plus now features the all-new XTS PRO ARC limbs, high-energy Fuel Cam, our exclusive In-Line Roller Guard System and newly improved Stealth Shot. Combine all of this with Hoyt's patent pending and proven Advanced Carbon Construction design, and you've got the ultimate, all-around, longer axle-to-axle bow for serious target shooters and hardcore bowhunters. Also available in high quality, custom target finishes. Join the carbon revolution at a Hoyt dealer near you.



35" AXLE-TO-AXLE	318 FPS (ATA)	7 1/4" BRACE HEIGHT	3.8 LBS. MASS WEIGHT
----------------------------	-------------------------	-------------------------------	--------------------------------

Speed +/- 2 FPS. See page 58 for more info on ATA speeds, complete specs and color options.



STEALTH SHOT™ New and improved high-performance, elastomeric damping material destroys string oscillation and noise, delivering the ultimate silent shot. Also promotes a cleaner arrow departure from the string, optimizing accuracy and consistency.

5-LAYER LAMINATION Exclusive 5-Layer Lamination Technology allows custom tailoring of materials and design for optimized limb performance and the highest levels of reliability in the industry. Accuracy, durability and performance are at the heart of Hoyt's exclusive XT limb technology.



CARBON MATRIX PLUS

**BECAUSE IF THIS IS YOUR SHOT,
PRAY YOU HAVE A HOYT.**



CRX HUNTHARD

IN-LINE ROLLER GUARD Minimizes friction and torque for increased speed, silence and accuracy. Precision rollers and sealed bearings for ultimate reliability in all weather conditions.

SILENT SHELF Totally silent riser shelf surface isolates the arrow from contacting the riser, eliminating unwanted noise in critical hunting situations. Also designed to eliminate noise created from today's popular drop away rests.

NEW

Eighty years of bowhunting passion and innovation have culminated in the radical new CRX Series. Every purpose-built inch of the hunt-ready CRX is engineered for optimum results in any condition – whether you endure long hours in a stand or traverse mile after grueling mile in the harshest conditions. CRX features the sleekest, leanest, TEC LITE riser we've ever designed, supporting the new XTS PRO ARC limbs and racy Fuel Cams – delivering a lethal combination of speed, accuracy and vibration-free silence. Other top-shelf technologies round out the custom CRX package, including our new Perfect Balance Stabilization System™, Silent Shelf Technology™, and our next generation PRO-LOCK Pocket System. With airtight tolerances and rugged durability in 32" and 35" configurations, CRX offers die-hard bowhunters 80 years of pure Hoyt vision, innovation and advanced design. CRX. Own the hunt.

CRX 32 SPECIFICATIONS:

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

CRX 35 SPECIFICATIONS:

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

Speed +/- 2 FPS. See page 58 for more info on ATA speeds, complete specs and color options.

STEALTH SHOT New and improved high-performance, elastomeric damping material destroys string oscillation and noise, delivering the ultimate silent shot. Also promotes a cleaner arrow departure from the string, optimizing accuracy and consistency.

PERFECT BALANCE Offset stabilizer position for optimized weight distribution, counter balances bow-mounted accessories resulting in a steadier hold and more accurate shot.

CRX 32

CRX 35

HOYT
ARCHERY

REALTREE
Family, Friends and the Outdoors

CRX 32 & 35

RAMPAGE^{XT}/RAMPAGE

DEVASTATINGLY AFFORDABLE

SILENT SHELF Totally silent riser shelf surface isolates the arrow from contacting the riser, eliminating unwanted noise in critical hunting situations. Also designed to eliminate noise created from today's popular drop away rests.

RAMPAGE^{XT}

IN-LINE ROLLER GUARD Minimizes friction and torque for increased speed, silence and accuracy. Precision rollers and sealed bearings for ultimate reliability in all weather conditions.

NEW

A tight budget shouldn't prevent you from pursuing your passion. Make the most of your precious time in the woods or on the mountain – and stretch your dollar further – with the all-new Rampage Series. This dollar-saving duo includes our sleek, low-profile pocket design, our improved, even quieter Stealth Shot, and our advanced In-Line Roller Guard System. Rampage XT comes equipped with the high performance XTS PRO ARC Limb System and our fast, efficient Fuel Cam. Rampage features our new ZRS 12 Split Limb System with our smooth-shooting M4 Cam. Both bows bring you an unbeatable bundle of big-time technology, value-added performance and uncompromising durability. Shoot the Rampage Series and rest assured that you're toting one high-tech, smooth-shooting, deadly accurate system.

RAMPAGE XT SPECIFICATIONS:

32"	323	7"	4.0 LBS.
AXLE-TO-AXLE	FPS (ATA)	BRACE HEIGHT	MASS WEIGHT

RAMPAGE SPECIFICATIONS:

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

Speed +/- 2 FPS. See page 58 for more info on ATA speeds, complete specs and color options.

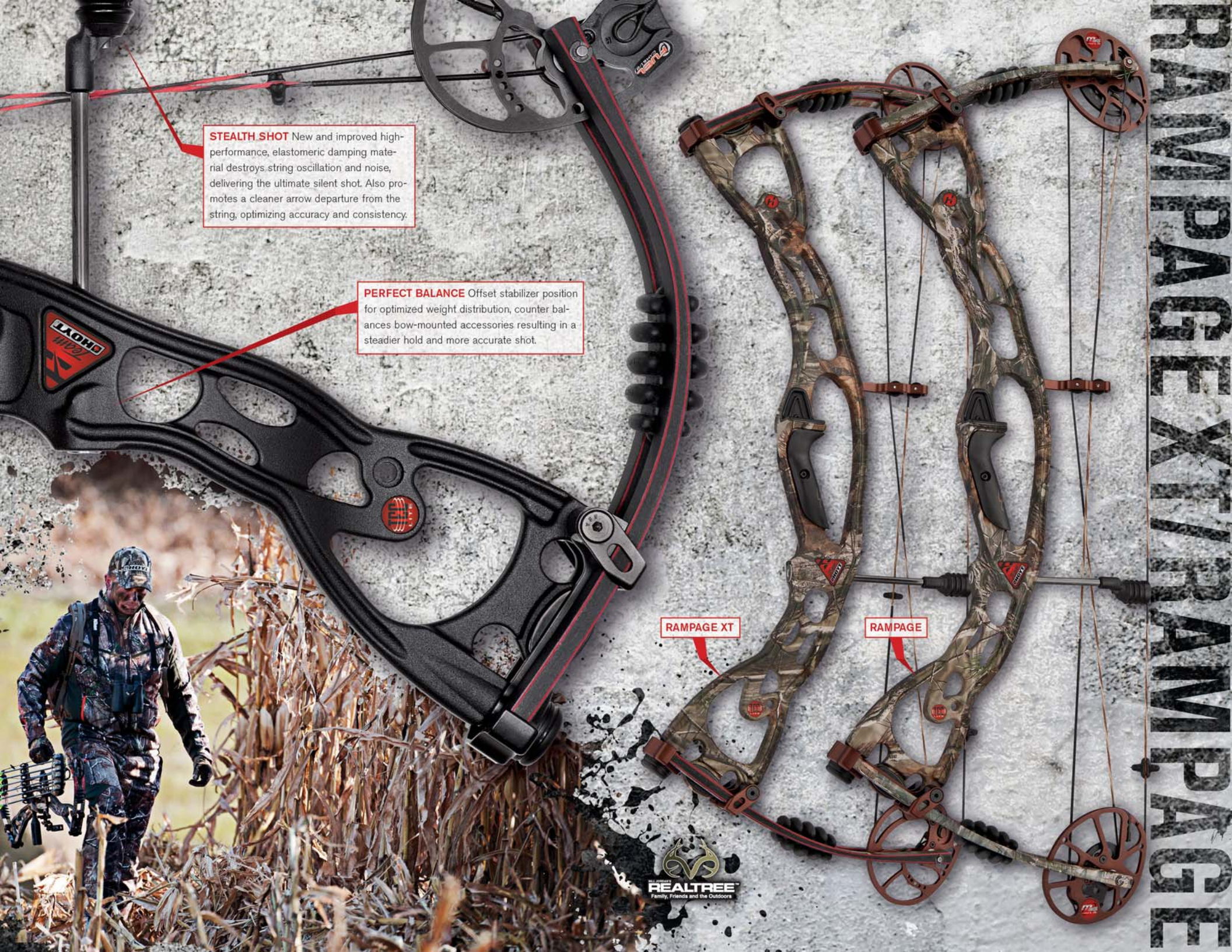


STEALTH SHOT New and improved high-performance, elastomeric damping material destroys string oscillation and noise, delivering the ultimate silent shot. Also promotes a cleaner arrow departure from the string, optimizing accuracy and consistency.

PERFECT BALANCE Offset stabilizer position for optimized weight distribution, counter balances bow-mounted accessories resulting in a steadier hold and more accurate shot.

RAMPAGE XT

RAMPAGE



**THIS ISN'T JUST A BUGLE,
IT'S A SCREAM FOR A WORTHY OPPONENT.**







VICXEN

LADIES CHOICE

Women worldwide have proven their bowhunting skills with the seductive-yet-deadly Hoyt Vicxen™. This high-performance Vicki Cianciarulo signature series bow offers female shooters speed, accuracy, consistency and a long list of Hoyt exclusive technologies. Lower mass weight, versatile draw length options and hardcore-yet-distinctly-feminine accents will suit any huntress. After just one season in the field, Vicxen has given serious female hunters big time results and an undeniable advantage like they've never had before. Hunt-ready, ultra-tough, and able to deliver, Vicxen leaves no doubt that the serious female hunter will find success in the woods.

33"	306	6 3/4"	4.1 LBS.
AXLE-TO-AXLE	FPS (ATA)	BRACE HEIGHT	MASS WEIGHT

Speed +/- 2 FPS. See page 58 for more info on ATA speeds, complete specs and color options.



Vicki Cianciarulo
SIGNATURE SERIES



ALPHA BURNER

Speed bows are all the rage, but speed means nothing without precision – whether you punch paper or pursue elusive big game. The lightweight, lightning fast AlphaBurner satisfies your need for speed and boasts pinpoint accuracy other speed bows simply don't offer. This rocket-fueled, smooth-shooting bow launches arrows with unmatched accuracy. It boasts a radical design thanks to our reflex geometry, XT 2000 laminated limbs and Spiral X Cam & 1/2 Technology. A high-performance bow crafted for serious shooters who excel in the woods and on the range, AlphaBurner is loaded with features and benefits not found in any other bow in its class. Shoot faster without compromising accuracy with the Hoyt AlphaBurner.

34³/₄"	340	6"	4.3 LBS.
AXLE-TO-AXLE	FPS (ATA)	BRACE HEIGHT	MASS WEIGHT

Speed +/- 2 FPS. See page 58 for more info on ATA speeds, complete specs and color options.



MAXXIS

Cutting edge and loaded with industry-leading technology, Maxxis absolutely dominated in 2010. With technologies like our proven XTS ARC Limbs, TEC LITE Riser, XTR Cam & 1/2 Performance System and In-Line Roller Guard, Maxxis simply rocks. Now featuring our newly-upgraded, quieter-than-ever Stealth Shot Suppression System, and the popular, warm and ergonomic 180 Grip. The lightweight, super fast, deadly accurate Maxxis offers everything serious hunters need to maximize their skills. When your hunt calls for a high-performance, ultra-reliable bow that consistently delivers big-time results no matter the conditions, thousands of successful bowhunters trust Maxxis to make it happen. Available in 31" and 35" axle-to-axle.

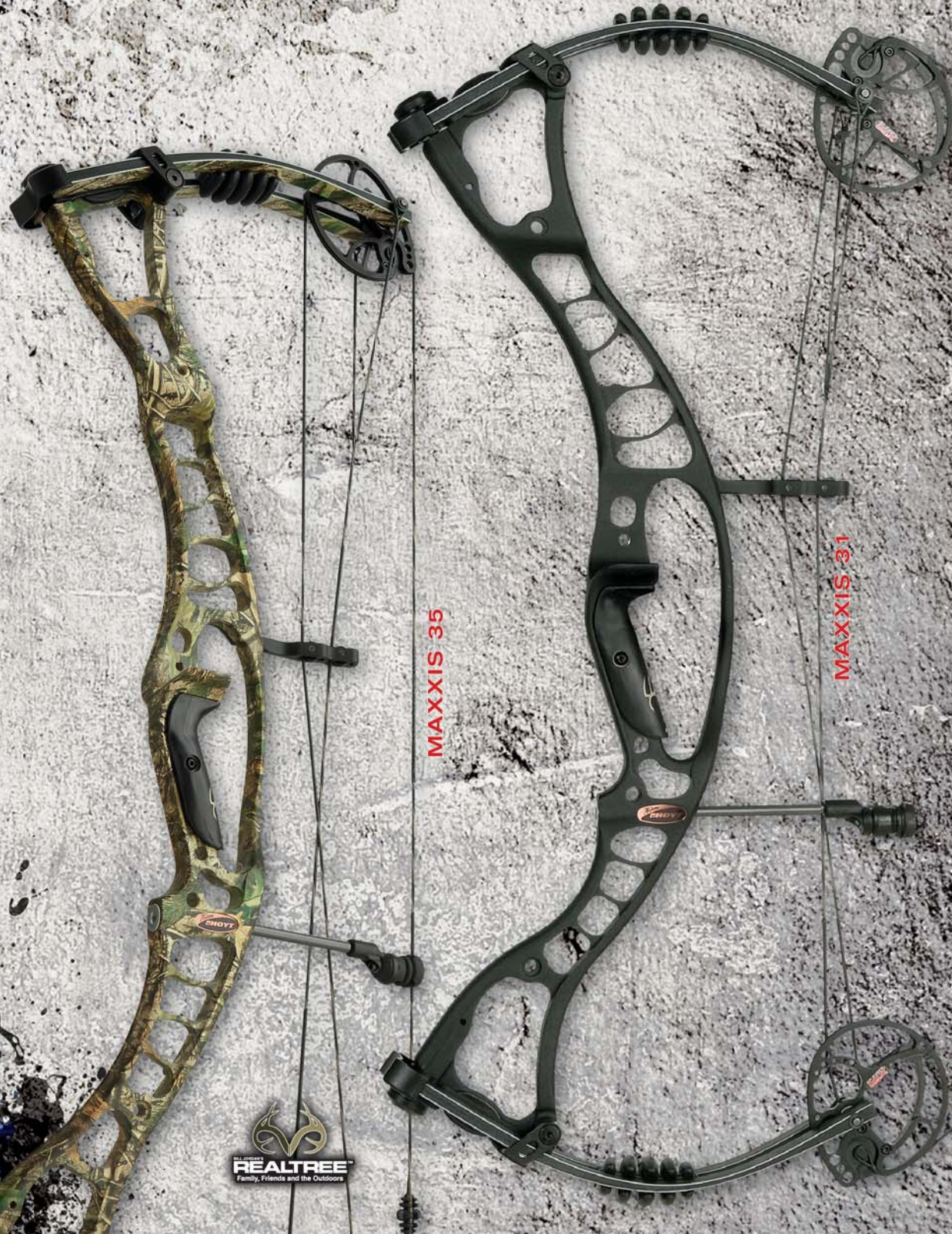
MAXXIS 31 SPECIFICATIONS:

31"	323	7"	3.9 LBS.
AXLE-TO-AXLE	FPS (ATA)	BRACE HEIGHT	MASS WEIGHT

MAXXIS 35 SPECIFICATIONS:

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

Speed +/- 2 FPS. See page 58 for more info on ATA speeds, complete specs and color options.



PROHAWK™

NEW

The versatile ProHawk is a terrific money-saving alternative for diehards who crave tag-filling Hoyt technology at an unbeatable price. ProHawk features our legendary TEC Riser, slim-yet-super-strong parallel split limbs, and proven Cam & 1/2 technology. This exciting new offering is engineered for shooters of all ages and budgets. Custom, modular draw length adjustment, lightweight design and legendary Hoyt toughness make the all-new ProHawk a superb, budget-conscious bow choice.

PROHAWK™ SPECIFICATIONS:

32" AXLE-TO-AXLE	305 FPS (ATA)	7¼" BRACE HEIGHT	4.0 LBS. MASS WEIGHT
----------------------------	-------------------------	----------------------------	--------------------------------

Speed +/- 2 FPS. See page 58 for more info on ATA speeds, complete specs and color options.

RUCKUS

NEW

Meet the 2011 Ruckus, our latest performance-driven youth bow. Offered at a great price and loaded with technology, Ruckus allows young shooters to develop their skills with a bow that fits. Ruckus features a full 10 inches of custom draw length adjustability with the all-new VersaFlex Cam. Loaded with Hoyt features and craftsmanship, Ruckus is rough-and-tumble and ready for action.

RUCKUS™ SPECIFICATIONS:

29¾" AXLE-TO-AXLE	281 FPS (ATA)	6¾" BRACE HEIGHT	2.8 LBS. MASS WEIGHT
-----------------------------	-------------------------	----------------------------	--------------------------------

Speed +/- 2 FPS. See page 58 for more info on ATA speeds, complete specs and color options.



vantageLTD

At Hoyt, we build bows for every type of shooter. Whether you're looking for today's cutting edge designs and technologies, or taking a more old-school, traditional approach, we've got you covered. Vantage LTD's ultra-forgiving Accu-Wheel complements a long, stable riser and limb design. Along with ample brace height, Vantage LTD offers unmatched stability, forgiveness, comfort and consistency for both release and, especially, finger shooters.

With more than 190 fair-chase, record-book trophies, The World's Best-Known Bowhunter trusts Hoyt every step of the long journey to success. Chuck Adams and Hoyt. Successful together.



VANTAGE LTD™ SPECIFICATIONS:

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

Speed +/- 2 FPS. See page 58 for more info on ATA speeds, complete specs and color options.





BUFFALO

The Fred Eichler Signature Series Buffalo™ is packed with deadly accuracy and sweet shootability. Buffalo is the high-tech stickbow with key traditional features, including a double-radius shelf for ideal clearance and point-and-shoot ergonomics for instinctive accuracy. Buffalo blends tradition and modern high performance. Featuring a 19" machined aluminum riser and Hoyt's advanced Paralever Limb System which is derived from the Hoyt Formula – the most successful target recurve in 25 years – Buffalo is the new force in traditional bow-hunting. (Available in 58" and 60" lengths and includes a calf hair side plate and traditional rug rest, padded carrying case, limb sleeves, bow stringer and custom Flemish string.) Also available, optional Buffalo-specific Hoyt 2-piece quiver (sold separately).

7-8"	19"	58" or 60"	1.7 LBS.
BRACE HEIGHT	RISER LENGTH	BOW LENGTH	MASS WEIGHT

"With custom features and the perfect length and balance, the Fred Eichler Signature Series BUFFALO is my dream bow. I worked with Hoyt's engineers to create a perfect balance of sweet shootability, accuracy and speed, with the features most demanded by traditional shooters. It's also whisper quiet. I love hunting with my Buffalo and you will too!"

Fred Eichler





DORADO GAME MASTER II

Hoyt's Dorado and GameMaster II offer traditional shooters custom level craftsmanship and cutting edge Hoyt recurve technologies in smooth, fast, sweet shooting packages rivaling full custom bows costing hundreds more. Dorado features a popular 60" overall length built on a compact, 19" riser, and comes in at an incredible 2.5 pounds. Gamemaster II is a 62" bow on a 21" riser ideal for longer draws. Both feature custom wood core Hoyt recurve limbs for unbelievable smoothness and efficiency, and ATA standard stabilizer mount, sight mount and plunger mount options. Dorado and Gamemaster II are high performance bows for traditional shooters of all levels.

DORADO™ SPECIFICATIONS:

7-8"	19"	60"	2.5 LBS.
BRACE HEIGHT	RISER LENGTH	BOW LENGTH	MASS WEIGHT

GAMEMASTER™ II SPECIFICATIONS:

7-8"	21"	62"	2.7 LBS.
BRACE HEIGHT	RISER LENGTH	BOW LENGTH	MASS WEIGHT

HOYT

TRADITION





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



Nick Mundt (Co-Host, Bone Collector)



Ralph & Vicki Cianciarulo
(Hosts, Archer's Choice, The Choice)



Craig Morgan
(All Access Outdoors)



Chuck Adams



Randy Ulmer



JT Harden
(Hardcore Hunting TV)



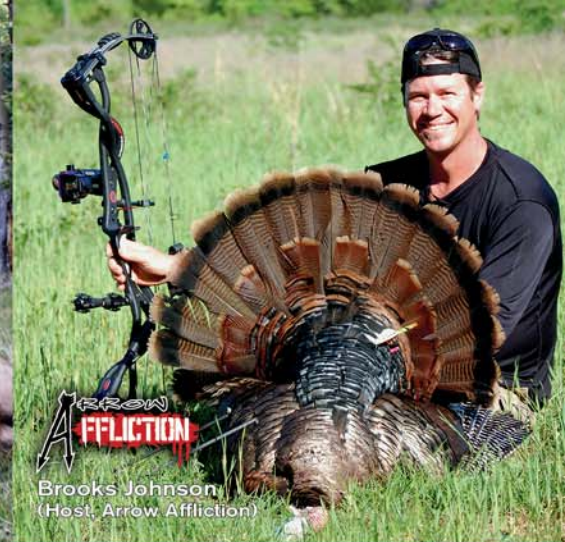
Jason Irish
(Hardcore Hunting TV)



Travis "T-Bone" Turner (Co-Host, Bone Collector)



Cameron Hanes



Brooks Johnson
(Host, Arrow Affliction)



NOCK ON
John Dudley
(Host, Nock On TV)



Fred Eichler
(Host, Easton Bowhunting TV)



Michele Eichler
(Host, Muzzy TV)



HARD CORE
HUNTING TV
Ryan Klesko
(Host, Hardcore Hunting TV)



ARROWHEAD
ADVENTURES
Gary Bogner
(Host, Arrowhead Adventures)



MIDWEST
WHITETAIL
Bill Winke
(Host, Midwest Whitetail)



Chase Fulcher



Casey Brooks



Sharon Dudley



Jace Bauserman



Dennis Howell



Jeff Dobbins



Dr. Warren Strickland



Marc Smith



Jeff Frey



Pierre van Wyk



Ron Niziolek



Anthony Dixon



Dan Staton



Darin Cooper



Ryan McCann



Ruben Ochoa



Trevon Stoltzfus



Ricardo Longoria



Bob Robb



Brandon Ray



Brendan Burns



Brian Quaca



Corey Jacobsen



Allen Bolen



Jim Horn



Ryan Eaves



Shawn Monsen



Tom Hoffman



John Arman



Jason Stewart



Brad Butth (Sales)



Joe Guernsey



Matt Bertsch



Dan'l Anserlmo (Engineering)



Doug Denton (Engineering)



Drew Whiting (Mfg. Engineer)



Gideon Jolley (R&D Manager)



Jeremy Eldredge
(Marketing Manager)



Jesse Nelson (Sales)



Nick Hopkins



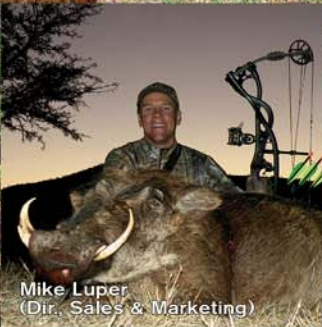
Bori Ly
(Customer Service)



Kevin Wilkey
(Marketing)



Micah Clyde
(Quality Dept.)



Mike Luper
(Dir. Sales & Marketing)



Randy Walk (President)



Zak Kurtzhals
(Engineering Manager)



Brandon Carlson



Cody Jones



Bryan Reed
(Purchasing Manager)



Doug Hyde



Dustin Burdine



Alex Cote (Sales)



Donny Zenner



JT Felt (Engineering)



Kelsey Brandkamp



John Thomas



Dave Marchio



Mike Pitts



Evan Williams



Mic McSimoy



Brandon Vantassell
(Engineering)



Matt Padilla



Randy Phillips



Tom Thiel



Brian Fortenbaugh



Joe Knochel



Drake Shurley



Chad Kulow



Matt Bateman



Bucky Beckham



Bryan Warr



Butch Johnson



Ryan Fischer



Arika Sanders



David Wozniak



Andy Hamman



CJ Davis



Derek Sutton



Andrew Gue



Erik Watts



Danny Farris



Grant Foster



Fred Lagos



Evan Munoz



Ken Byers



Brett Foster



Ame Fischer



Brandon LaFever



Kurt Geist



Lisa Prater



Marshall Gore



Matt Owen



Rob Kaufhold



Jay Jarden



Bryan Reed, Jr.



C.J. Winand



Paige Pearce



Matt Palmquist



Bill Collins



Jim Satorius



Ty Anderson



Jason Palmer



Michael Sobieraj



Bill Ball



Lane Farris



Mike Dickess



Whitney Isenhart



Carl Nielsen



Joe Bell



Zendal Carroll



Greg Herbert



Robert Dugan



Roy Roth



Shelby Arman



Drew Yarkosky



Shad Pyper



Thomas Hermann



Taylor Edwards



Terron Bauer



Tim Huffman



Joe Rush



Travis Roundy



Gary Smoot



Lee Hetherington



Isaac Aleman



Mike Baker



HOYTDELIVERS

When you shoot to win, "good enough" just isn't in your vocabulary. The world's best shooters trust Hoyt for pinpoint accuracy, unmatched reliability, relentless performance and podium-topping results. 2010 was yet another hugely successful year for Hoyt shooters across the globe. From indoor and outdoor target to 3-D and field, no other bow company can claim such dominance. Team Hoyt gains even more momentum – and podium real estate – with each tournament. Track their success at www.hoyt.com.

**Based on Men's Open Pro FITA, NFAA, NAA, ASA & IBO tournament circuits.*

2003-2010 FIRST PLACE TOURNAMENT RESULTS*

HOYT®	146
MATHEWS®	87
PSE®	16
MARTIN®	5
BOWTECH®	1
OTHER	1





5-LAYER LAMINATION Exclusive 5-Layer Lamination Technology allows custom tailoring of materials and design for optimized limb performance and the highest levels of reliability in the industry. Accuracy, durability and performance are at the heart of Hoyt's exclusive XT limb technology.

SHOOT-THRU TECHNOLOGY (STT) The most winning riser design in modern history. Hoyt's Shoot-Thru risers have totally dominated world archery since their introduction. Ideal balance and improved torsional control lead to greater alignment and superior accuracy.

vantage[™] elitePLUS

PERFORMANCE ENHANCER

NEW

VANTAGE ELITE PLUS Undeniably the most accomplished target compound of all time. Responsible for more current records than any other compound bow – including the coveted FITA 1440 round world record – it has proven its worth, time and again in the heat of the world's most intense competitions. For 2011, the all-new Vantage Elite Plus features an all-new Shoot-Thru riser design incorporating the airtight PRO-LOCK Pocket System and our proven XT 2000 limbs. Combined with our new GTX Cam & 1/2 Performance System, Spiral X or Cam & 1/2 Plus, you have a serious bow ready for the world stage. Carve out your own piece of archery history with the all-new Vantage Elite Plus.

VANTAGE ELITE PLUS GTX CAM & 1/2:

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

VANTAGE ELITE PLUS CAM & 1/2 PLUS:

40 1/4"	308	8"	4.8 LBS.
AXLE-TO-AXLE	FPS (ATA)	BRACE HEIGHT	MASS WEIGHT

VANTAGE ELITE PLUS SPIRAL X CAM & 1/2:

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

Speed +/- 2 FPS. See page 58 for more info on ATA speeds, complete specs and color options.

VANTAGE PRO

VANTAGE PRO Featuring XT 2000 limbs, TEC riser, machined aluminum self grip and now available with the all-new GTX Cam & 1/2. Also available with Spiral X and Cam & 1/2 Plus.

VANTAGE PRO GTX CAM & 1/2:

41 5/8"	305	8"	4.8 LBS.
AXLE-TO-AXLE	FPS (ATA)	BRACE HEIGHT	MASS WEIGHT

VANTAGE PRO CAM & 1/2 PLUS:

41"	301	8"	4.8 LBS.
AXLE-TO-AXLE	FPS (ATA)	BRACE HEIGHT	MASS WEIGHT

VANTAGE PRO SPIRAL X CAM & 1/2:

41"	308	7 3/4"	4.8 LBS.
AXLE-TO-AXLE	FPS (ATA)	BRACE HEIGHT	MASS WEIGHT

CAM & 1/2 TECHNOLOGY The cam that revolutionized the archery industry. Cam & 1/2 is responsible for more tournament victories and trophies world-wide than any other bow technology. Easy to draw, aim and shoot in high adrenaline situations such as drawing back on a buck of a lifetime or clinching a World Championship Gold Medal.

PRO-LOCK POCKET™/LIMB CONNECTION
The ultimate interface between the limbs and riser, the PRO-LOCK pocket system is the ideal zero tolerance pocket system, proven world-wide on the most demanding tournament circuits and bow-hunts. With six hard-locking points of contact per limb, PRO-LOCK can handle the most aggressive hunting conditions and even airport baggage handlers. PRO-LOCK equals reliable accuracy.

VANTAGE ELITE PLUS

VANTAGE PRO



VANTAGE SERIES

5-LAYER LAMINATION Exclusive 5-Layer Lamination Technology allows custom tailoring of materials and design for optimized limb performance and the highest levels of reliability in the industry. Accuracy, durability and performance are at the heart of Hoyt's exclusive XT limb technology.

SHOOT-THRU TECHNOLOGY (STT) The most winning riser design in modern history. Hoyt's Shoot-Thru risers have totally dominated world archery since their introduction. Ideal balance and improved torsional control lead to greater alignment and superior accuracy.

ALPHA ELITE

PODIUM HOG

NEW

Eighty years of pioneering and perfecting new bow designs has lead to yet another Hoyt first. Introducing the 2011 AlphaElite – the first-ever Shoot-Thru target bow utilizing a long riser with parallel split-limb technology. This radical new design enhances aiming stability, promoting cleaner, faster execution of shots. AlphaElite leverages next-generation target technologies in a balanced, ideally designed, lightning fast package. It features a 36" axle-to-axle length, a generous 7" brace height, our velocity-packed Fuel Cam and our all-new 3/4" XT COMP™ Parallel Split Limb System. The long riser, parallel limb design promotes very low recoil and kills vibration for ultra-smooth shots. Custom crafted to own the podium, AlphaElite promises to pound the X-ring like only a Hoyt can.

36"
AXLE-TO-AXLE

320
FPS (ATA)

7"
BRACE HEIGHT

4.4 LBS.
MASS WEIGHT

FUEL
CAM

XT COMP
LIMB

Speed +/- 2 FPS. See page 58 for more info on ATA speeds, complete specs and color options.



CAM & 1/2 TECHNOLOGY The cam that revolutionized the archery industry. Cam & 1/2 is responsible for more tournament victories and trophies world-wide than any other bow technology. Easy to draw, aim and shoot in high adrenaline situations such as drawing back on a buck of a lifetime or clinching a World Championship Gold Medal.

PRO-LOCK POCKET/LIMB CONNECTION The ultimate interface between the limbs and riser, the PRO-LOCK pocket system is the ideal zero tolerance pocket system, proven world-wide on the most demanding tournament circuits and bowhunts. With six hard-locking points of contact, PRO-LOCK can handle the most aggressive hunting conditions and even airport baggage handlers. PRO-LOCK equals reliable accuracy.

XT COMP XT Comp is the first Hoyt compound target limb combining our 5-Layer Lamination process, 3/4" Split Limb design, and the beyond-parallel, recoil-free ARC Limb System. This yields tremendous energy storage and dynamic stability for greater performance and accuracy.

HOYT
ARCHERY



SHOOT-THRU TECHNOLOGY (STT) The most winning riser design in modern history. Hoyt's Shoot-Thru risers have totally dominated world archery since their introduction. Ideal balance and improved torsional control lead to greater alignment and superior accuracy.

PROVEN CHAMPION

NEW

Take a good look at any professional leader board, and you'll notice that the winner's circle is packed full of world-class shooters armed with the hugely popular Hoyt Contender Series. Fast, accurate, stable and forgiving, these best-in-class bows are available in either a 38" model with XT 2000 limbs or a 41" version with XT 3000 limbs. The Contender Series sports our exclusive 5-Layer Laminated Limbs, our zero tolerance PRO-LOCK Pocket System, and is now available with our all-new, ultra-smooth GTX Cam & 1/2 Performance System. It's also available with our proven Spiral X or Cam & 1/2 Plus. Contender Elite also boasts exclusive Shoot-Thru Technology for amazing stability and nock crushing accuracy. Shoot the Contender Series and shoot your best.

CONTENDER SERIES GTX CAM & 1/2 (XT 2000):				CONTENDER SERIES CAM & 1/2 PLUS (XT 2000):				CONTENDER SERIES SPIRAL X CAM & 1/2 (XT 2000):			
38 ⁵ / ₈ " AXLE-TO-AXLE	313 FPS (ATA)	7 ¹ / ₈ " BRACE HEIGHT	4.6 LBS. MASS WEIGHT	38 ¹ / ₈ " AXLE-TO-AXLE	308 FPS (ATA)	7 ¹ / ₈ " BRACE HEIGHT	4.6 LBS. MASS WEIGHT	38 ¹ / ₂ " AXLE-TO-AXLE	315 FPS (ATA)	6 ⁵ / ₈ " BRACE HEIGHT	4.6 LBS. MASS WEIGHT
CONTENDER SERIES GTX CAM & 1/2 (XT 3000):				CONTENDER SERIES CAM & 1/2 PLUS (XT 3000):				CONTENDER SERIES SPIRAL X CAM & 1/2 (XT 3000):			
41 ⁵ / ₈ " AXLE-TO-AXLE	303 FPS (ATA)	7 ³ / ₄ " BRACE HEIGHT	4.8 LBS. MASS WEIGHT	41 ¹ / ₄ " AXLE-TO-AXLE	301 FPS (ATA)	7 ³ / ₄ " BRACE HEIGHT	4.8 LBS. MASS WEIGHT	41 ³ / ₄ " AXLE-TO-AXLE	310 FPS (ATA)	7 ³ / ₈ " BRACE HEIGHT	4.8 LBS. MASS WEIGHT

Speed +/- 2 FPS. See page 58 for more info on ATA speeds, complete specs and color options.

PRO-LOCK POCKET/LIMB CONNECTION The ultimate interface between the limbs and riser, the PRO-LOCK pocket system is the ideal zero tolerance pocket system, proven world-wide on the most demanding tournament circuits and bowhunts. With six hard-locking points of contact, PRO-LOCK can handle the most aggressive hunting conditions and even airport baggage handlers. PRO-LOCK equals reliable accuracy.

5-LAYER LAMINATION Exclusive 5-Layer Lamination Technology allows custom tailoring of materials and design for optimized limb performance and the highest levels of reliability in the industry. Accuracy, durability and performance are at the heart of Hoyt's exclusive XT limb technology.

CONTENDER

CONTENDER ELITE

ELZINGA
NED

HOYT
ARCHERY

CONTENDER SERIES



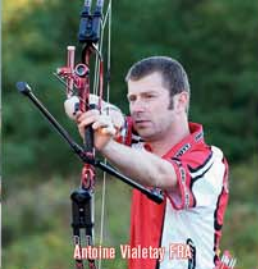
Roger Willett, Jr. USA



Anastasia Anastasio USA



Anders Malm SWE



Antoine Viallet FRA



Ashley Wallace CAN



Ben Cleland USA



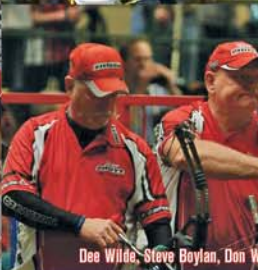
Brittany Loretti, Kendal Nicely USA



Cabe Johnson USA



Danny McCarthy USA



Dee Wilde, Steve Boylan, Don Ward USA



Dejan Silar SLO



Diane Watson USA



Don Ward USA



Doris Jones CAN



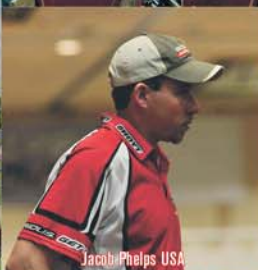
Eric Giggis USA



Erika Anschutz USA



Ivana Buden CRO



Jacob Phelps USA



Jame Jameson USA



Jamie Van Matra USA



Jari Haavisto FIN



Jason Carbaugh USA



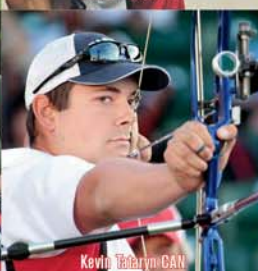
Jay James USA



Jean Pizaro PUR



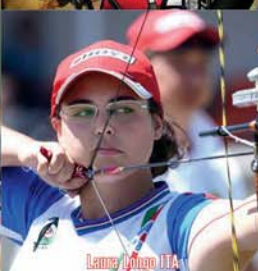
Kenny Lantz USA



Kevin Takayama CAN



Kevin Wilkey USA



Lanae Delgado USA



Linda Ochoa MEX



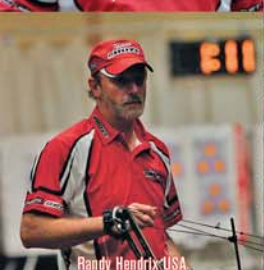
Logan Wilde USA



Lucy Sullivan GBR



Mark Klug USA



Randy Hendrix USA



Zak Kurtzhals USA



Reo Wilde USA



Richard Lehwich USA



Rob Morgan USA



Rob Palmer NED



Roberval dos Santos BRA



Rod Menzer USA



Shane Willis USA



Peter Elzinga NED



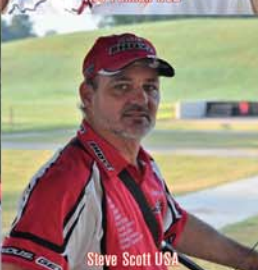
Sonny Reeb USA



Steve Clifton NZL



Bobby Cothran USA



Steve Scott USA



The Wilde Bunch: Reo, Logan & Dee



Tim Barnett USA



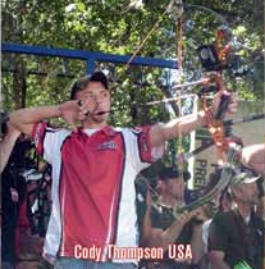
Cara Fernandez USA



Christie Calkins USA



Cady Thompson USA



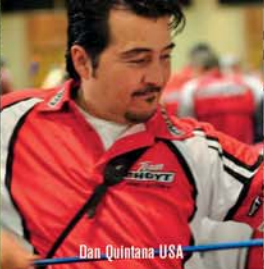
Cody Thompson USA



Cory Monahan USA



Dale Jones USA



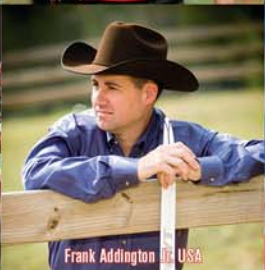
Dan Quintana USA



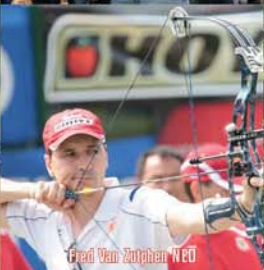
Danny Evans, Chris Hacker USA



Bianca Salvati ITA



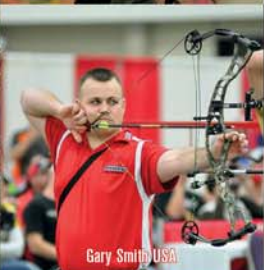
Frank Addington USA



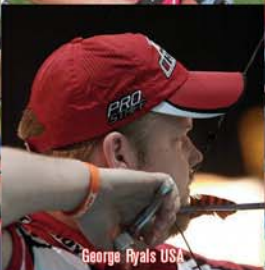
Fred Van Zutphen NED



Garrett Avestian USA



Gary Smith USA



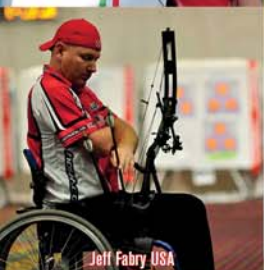
George Ryals USA



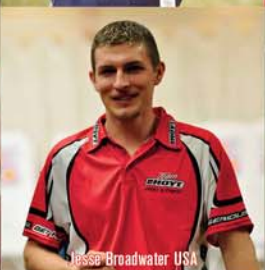
Halid Jalme MEX



Isabell Danielsson SWE, Ann Lantee FIN, Gladys Williams BEL



Jeff Fabry USA



Jesse Broadwater USA



Joe Kapp USA



Jorge Jimenez ESA



Josh Binger USA



Josh Schaff USA



Julien-Pierre Desjardins, Sebastien Brasseur, Dominique Genet, Team FRA



Keith Trail USA



Marion Latz USA



Mary Hannin USA



Nicky Hunt, Nichola Simpson, Andrea Gales, Team GBR



Patrizio Hofer SUI



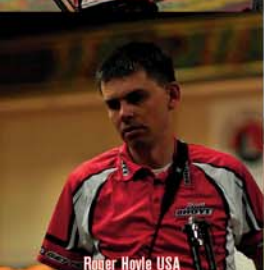
Paul Thompson USA



Simon Fairweather, Pat Coghlan, Clint Freeman, Robert Thomas, Team AUS



Allen Conner USA



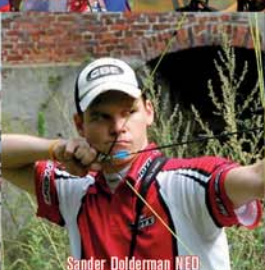
Roger Hoyle USA



Ruben Ochoa MEX



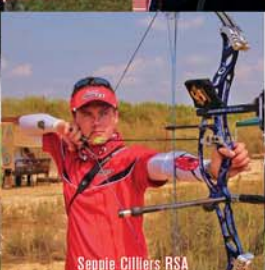
Sam Kyritsoglou BEL



Sander Dolderman NED



Sandrine Vandionant FRA



Seppie Cilliers RSA



Sergio Pagani ITA, Andy Rikunenko GBR, Peter Bzinga NED



Sergio Pagani ITA



Tony Tazza USA



Troy Carpenter USA



Ulrika Spowall SWE



Vladas Sigauskas LTU



Wesley Gates RSA



Russell Payne USA



Redding 2010



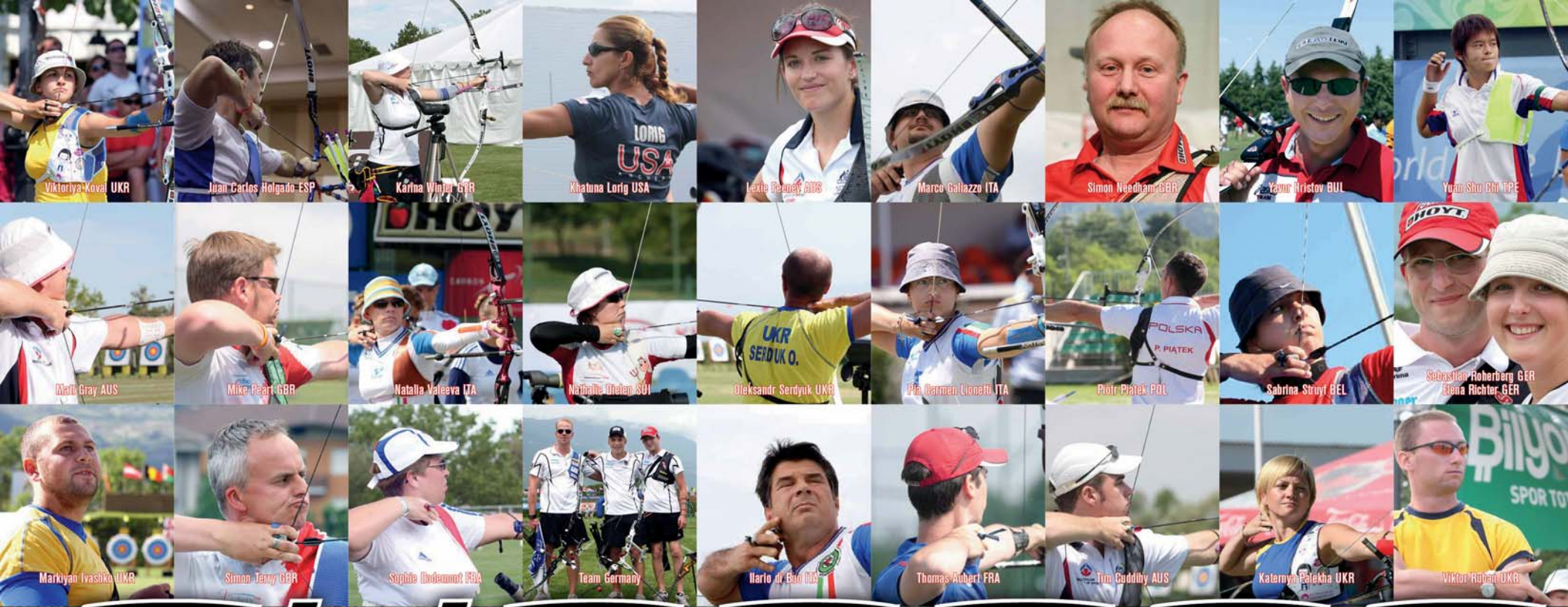
FORMULA

TOURNAMENT DOMINATION

Hoyt Formula™ is the system that took the archery world – and the world's podiums – by storm. In its first season of competition, Formula dominated at nearly every major event, taking 28 times the number of premiere world archery gold medals as the competition's 2010 product. No other recurve bow has ever been more successful so soon after introduction. Having clinched the World Cup Grand Final and several new world and national records, more shooters are discovering the advantages of Formula every day. Formula is truly the new world standard.

 2010 FORMULA GOLD MEDALS	28
ALL OTHER MANUFACTURER NEW 2010 MODEL BOW GOLD MEDALS	1

*Based on Gold Medals won in FITA, EMAU, Vegas, Nimes and USAA events through September 2010.



SUCCESS



BRADY ELLISON TAKES WORLD CUP FINALS GOLD WITH FORMULA

Like many Formula shooters around the world, American sensation Brady Ellison has had his best year after picking up the Formula RX. Taking several gold medals on the World Cup qualification circuit and setting new national and World records along the way, including a decisive victory in the World Cup in Scotland, Brady has become familiar to millions of archery viewers around the world. Just as familiar is his distinctive pink Formula RX, dedicated to the fight to find a cure for breast cancer. We're very proud to support Brady and his cause.



Brady's pink Formula RX riser is dedicated to the fight against breast cancer. Learn more at www.bradysshootforthecure.com.

FORMULA

FORMULA RX

FORMULA EXCEL

FORMULA RX™

Formula RX is the proven, high performance foundation for the Formula system. Featuring low-mass, elegant 25" and 27" designs, Formula RX uses the advanced Hardlock Alignment System, multiple grip options, and ideal balance. The perfect platform for high-performance Formula system limbs.

FORMULA RX 25" SPECIFICATIONS:

25" LENGTH	2.6 LBS. /1,188GRAMS MASS WEIGHT	HOYT FLEX-TUNED DEFLEX GEOMETRY RISER STYLE
----------------------	--	---

FORMULA RX 27" SPECIFICATIONS:

27" LENGTH	2.87 LBS. /1,301GRAMS MASS WEIGHT	HOYT FLEX-TUNED DEFLEX GEOMETRY RISER STYLE
----------------------	---	---

Formula RX shown in Black Out color option. Now available on recurve risers.

FORMULA EXCEL

NEW

Formula Excel puts proven, podium-topping, gold medal-winning Formula technology within reach of even the most budget-minded archers. The stylish 25" Formula Excel delivers all the benefits of the innovative Formula Paralever System and a simple to use alignment system with the smoothness, precision and complete adjustability demanded by top recurve archers.

FORMULA EXCEL SPECIFICATIONS:

25" LENGTH	2.3 LBS. /1,070 GRAMS MASS WEIGHT	HOYT FLEX-TUNED DEFLEX GEOMETRY RISER STYLE
----------------------	---	---



FORMULA



F4 AND F3 – THE BEST OF BOTH WORLDS Our flagship F4™ and F3™ Formula system limbs represent everything Hoyt has learned from 80 years of recurve bow craftsmanship, high tech materials and high performance design. Both feature advanced, high modulus cross-weave carbon elements for stability and explosive power. Whether you choose the dynamic F4 syntactic foam core carbon limb, or the smooth and quiet F3 wood core carbon limb, you will have selected the absolute finest, highest performing limbs Hoyt has ever produced. (Available in 22 to 50 lbs. in 2 lb. increments, short, medium and long lengths.)



LIMB DAMPING BUSHING The Formula Series Limb Damping Bushing allows the use of accessories like the FUSE Limb Rods (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.



NEW

F2 AND FORMULA EXCEL The wood-carbon F2™ and wood-glass powered Formula Excel limbs provide premium quality Formula system options in a more budget minded configuration. F2 uses select rock maple cores and sophisticated carbon layups for a smooth and powerful shot in three lengths from 22 to 50 pounds. Formula Excel™ is the ideal starter, intermediate, club and program limb, with legendary Hoyt durability, craftsmanship and performance and a choice of three lengths in weights from 20 to 40 pounds. (Available in short, medium and long lengths in 2 lb. increments)

GMX

NEXUS

NEW
HORIZON

EXCEL

GMX **NEXUS**

GMX and Nexus are premium level choices for shooters looking for the familiar feel of a classic Hoyt riser. GMX pulls its specs straight from the blueprint of the legendary Hoyt GM TD4, updated with superior, fully machined aircraft aluminum construction and the proven Hoyt Hardlock Alignment System. The fully CNC machined Nexus features a slim, elegant, and low-mass design with the reliable Hardlock Alignment System, and a more reactive, dynamic shot.

GMX SPECIFICATIONS:

23", 25", 27" LENGTH	2.875 LBS. /1,304 GRAMS MASS WEIGHT	HOYT FLEX-TUNED DEFLEX GEOMETRY RISER STYLE
--------------------------------	---	---

NEXUS SPECIFICATIONS:

25" LENGTH	2.85 LBS. /1,292 GRAMS MASS WEIGHT	HOYT FLEX-TUNED DEFLEX GEOMETRY RISER STYLE
----------------------	--	---

GMX weight based on 25" length. 23" length is 2.77 lbs. (1,256 grams). 27" length is 3.092 lbs. (1,402 grams).

HORIZON **EXCEL**

Horizon and Excel provide high performance at starter bow prices. Horizon is a 25" HDS riser with a simplified, easy to use pivot block alignment system, while Excel comes in lengths and mass weights ideal for small-statured shooters and beginning youth archers.

HORIZON SPECIFICATIONS:

25" LENGTH	2.3 LBS. /1,070 GRAMS MASS WEIGHT	HOYT FLEX-TUNED DEFLEX GEOMETRY RISER STYLE
----------------------	---	---

EXCEL SPECIFICATIONS:

21", 23" LENGTH	1.78 LBS. /808 GRAMS MASS WEIGHT	HOYT FLEX-TUNED DEFLEX GEOMETRY RISER STYLE
---------------------------	--	---

Excel weight based on 21" length. 23" length is 1.94 lbs. (880 grams).
See inside back cover for color options.

HOYT
RECURVE

990TX COMPETITION LIMBS Proven around the world, professional-level 990TX limbs are the premium choice for shooters looking for Hoyt Dovetail System (HDS) compatibility and the most advanced materials and construction. Featuring advanced carbon construction and Hoyt's legendary Carbon X-foam cores, 990TX provides enhanced feel, speed and bomb-proof reliability. (Available in 22 to 50 lbs. in 2 lb. increments, short, medium and long lengths.)

CARBON 550 LIMBS No one has more experience with wood-carbon limbs than Hoyt, and the amazingly smooth and sweet-shooting Carbon 550 proves it. Select, multi-laminate maple cores and Enhanced Carbon Construction make Carbon 550 the ultimate HDS compatible wood-carbon limb. (Available in 22 to 50 lbs. in 2 lb. increments, short, medium and long lengths.)

ZR330 LIMBS With high-strength glass power elements and a select multilaminate maple core, ZR330 proves that intermediate shooters don't have to compromise to get high performance and exquisite craftsmanship. With the same industry-leading dynamic alignment and HDS compatibility as the 990TX and Carbon 550, the ZR330 sets the standard for affordable performance. (Available in 22 to 50 lbs. in 2 lb. increments, short, medium and long lengths.)

EXCEL LIMBS Start out with the best. Smooth shooting and durable, Excel limbs are a popular choice for intermediate and beginning archers, club programs and school programs. Total dynamic alignment, full HDS compatibility, great performance and unmatched smoothness make Excel a great choice. (Available in 20 to 34 lbs. in 2 lb. increments, short and medium lengths.)



CAM & 1/2

PERFORMANCE SYSTEM

ULTIMATE ACCURACY

When we introduced the Cam & 1/2™ Performance System, it revolutionized the archery industry. Since then, Hoyt Cam & 1/2 equipped bows have been responsible for thousands of tournament victories and trophies worldwide. Cam & 1/2 Performance Systems are engineered to be easy to draw, aim and shoot in high adrenaline situations, like drawing back on the buck of a lifetime or clinching a World Championship Gold Medal in a shoot-off. The top and bottom cams are linked together by the control cable, meaning that both cams fire at the exact same time, every time – resulting in ultimate consistency and accuracy. That's why Cam & 1/2 has been the most successful system introduced in the past decade. Take your shooting to the highest level with the Cam & 1/2 Performance System.



NEW

FUEL
CAM & 1/2

- Designed for the new XTS PRO ARC limbs
- Draw length adjustable – interchangeable modules
- New ultra-quiet draw stop peg
- High let-off



XTR
CAM & 1/2

- Draw length adjustable – interchangeable modules
- Designed for XTS Arc limbs
- High let-off



NEW

GTX
CAM & 1/2

- 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



PLUS
CAM & 1/2

- Draw length adjustable – rotating inner cam module
- Engineered for a variety of limb designs
- Available in 65% or 75% let-off
- Medium cam feel with hard cam speed



SPIRALX
CAM & 1/2

- 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



M4
CAM & 1/2

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



NEW

VERSAFLEX
DRAW LENGTH TECHNOLOGY

- Draw length adjustable – rotating inner-cam module
- 10 inches of draw length adjustment
- Designed especially for the all-new Ruckus
- Smooth draw cycle



ACCUWHEEL

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

HOYT
ARCHERY

SUPERIOR PERFORMANCE

Everything that we engineer, design and build is built to the highest standards possible. We refuse to cut corners. Our limbs are a perfect example. Like all of our products, our limbs are designed and built in our factory in Salt Lake City, Utah, USA. Every laminated limb is built utilizing a technically advanced process with the industry's highest quality composite components. Sure, it's time consuming and more costly, but it delivers the most consistent, efficient and durable limbs available. You'd be hard-pressed to find any limb design in the entire industry that even comes close. We wouldn't have it any other way.

ARC LIMB TECHNOLOGY Bowhunters love parallel limb technology for its 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 its XTS 5-Layer Laminated Limbs utilizing ARC System design. ARC Technology limbs feature incredibly high energy storage with unmatched strength and total reliability, while offering even greater speed, and dead in hand vibration damping. ARC system also increases dynamic cam alignment all the way through the powerstroke, increasing both accuracy and speed.

5-LAYER LAMINATED LIMBS 5-Layer Lamination Technology is at the heart of what makes Hoyt compound limbs world renowned for accuracy, durability and performance. This process allows pre-loading of the limbs with Hoyt's Uniform Stress Distribution Technology (USD). As the limbs bend, energy is distributed evenly, eliminating "hot spots" found on ordinary solid limbs. At full draw, the limbs harness more power, and produce more speed, with very little stress. This allows our limbs to easily pass our rigorous 1,000 dry-fire testing*. 5-Layer Lamination is another industry leading Hoyt technology contributing to ultimate dependability and your success.

*ALL DRY-FIRE TESTS CONDUCTED AT 80# DRAW WEIGHT AND 30" DRAW LENGTH (A MINIMUM OF 104 FOOT POUNDS OF STORED ENERGY).

PRO/ARC

ARC
LIMB TECHNOLOGY



USD
UNIFORM STRESS DISTRIBUTION

PARALLEL
SPLIT-LIMB
TECHNOLOGY



Michael Waddell's

BONE COLLECTOR™



ATTENTION BONE COLLECTOR FANS! Hoyt's exclusive Bone Collector Edition features are now available on the 2011 Carbon Element, CRX 32, CRX 35, Rampage and Rampage XT. Bone Collector Edition bows are the very same bows shot by fan-favorite Hoyt Pro Staffers Michael Waddell, Travis "T-Bone" Turner and Nick Mundt – co-hosts of the hugely popular "Bone Collector" TV series.

Bone Collector Edition bows offer unmatched style with a distinctive camo riser/black limb design, along with the bold, eye-catching Bone Collector logo and limb graphics. These sought-after bows offer all the cutting-edge performance and exclusive Hoyt technologies you need to proclaim your membership in the Bone Collector Brotherhood. See your Hoyt dealer for all the details.

LIMBS AND CAMO

NEW

HOYT PRO SERIES QUIVERS Available in 2-piece fixed-mount (including Hoyt carbon bow and Buffalo recurve specific models), 1-piece quick detach, Shorty quick detach and the economical Lite quick detach models. You can also choose single or mechanical broadhead-friendly double grippers on each of the 4 options. Detachable versions include a convenient hanger loop for a tree stand or blind. All options are available in 4 or 6 arrow configurations with finishes to match your Hoyt hunting bow. *Colors: Blackout, Realtree AP and Max-1*



LOTUS™ SIGHTS Hoyt's tough, proven Lotus sights utilize an innovative fiber optic armor tube that's fully integrated into the lightweight, machined aluminum mounting bracket. This not only protects the fibers in harsh hunting conditions – it actually increases their light gathering power for ideal visibility in any conditions. *Colors: Realtree AP or Blackout*

Sight Lite available for Hoyt Lotus sights. Sold separately.



LOTUS COMP SIGHT Lotus Comp's precision-aligned dovetail mounting bracket allows simple removal and re-attachment of the sight without the need to sight in again. Micro adjust and bright, durable .019 pins are standard. Available in 5-pin configuration. *Colors: Black or silver*

Lotus Sights (excluding Comp) are available in standard and micro adjust and in 3, 5, and 7-pin configurations with .019 pins. (Hunter models come with .029 top pins for easy aiming at closer targets.)



NEW

HOYT PRO SERIES STABILIZER Constructed of ultra rigid carbon fiber, putting the strategically designed weight out away from the riser for optimum stabilizer efficiency with less overall mass. Hold steadier and shoot better with the Pro Series stabilizer. Length: 6 1/2"; Approx. weight: 6.4 oz. *Colors: Realtree AP or Blackout*



NEW

ULTRA REST™ The patented Ultra Rest dropaway is packed with features developed to ensure the highest performance and reliability. Ultra Rest includes Velocity Dropaway Technology, which allows the rest to drop only when the bow is fired. The patented VDT is both durable and reliable. Ultra Rest always maintains your arrow in total containment. An internal cam/brake design offers superior noise reduction, and a silent draw. The convenient thumb control lets you cock the rest into a full capture position, ensuring total silence on either draw or let-down.



HOYT PRO SERIES QUIVERS

HOYT PRO SERIES QUIVERS Built as tough as the bows they're mounted on, Hoyt Pro Series quivers offer unbeatable balance, performance and durability. Featuring high-impact resistant hoods with integrated noise and vibration damping systems, multi-temperature arrow grippers, and totally silent hood liners. Hoyt Pro Series is available as a two-piece model for maximum support, or with the convenient Hoyt Pro Series Quick Detach Mounting System. Both systems work with carbon or aluminum arrows equipped with either fixed-blade or mechanical broadheads. Hoyt's totally redesigned Quick Detach System brings the quiver inboard toward the center line of the bow to allow for a much better, more neutral balance. This critical improvement also reduces vibration and induced noise and allows vertical adjustment of the quiver for rattle-free performance.



QUICK DETACH SYSTEM
New enhanced easy-grip lever is simple and extremely effective. The improved Hoyt Pro Series QD is durable, simple, silent and, as the name says, quick – either on or off the bow.



LAUNCHER REST



PRONG REST



FALL-AWAY

TEC RESTS Engineered with our exclusive Positive Lockdown System, TEC Rests eliminate potential movement during rough shooting and hunting conditions. The popular Fall-Away model delivers ultimate clearance for all arrow types. Color: Black



SUPER REST



HUNTER REST



QUIET TRACK REST



PRO-FIT
CUSTOM GRIP

PRO-FIT CUSTOM GRIPS The Hoyt 180 Grip is made from Thermo Plastic Elastomer, reducing felt vibration and providing for a warm feel on cold morning hunts. Other options in the Pro-Fit Grip System include standard black wood, high wrist wood and wood side plates.

*Pro-Fit Custom Grips not available for Vantage Elite Plus, AlphaElite, Vantage Pro, Vantage LTD, Contender, Contender Elite and Ruckus.



BROWN 180 GRIP



180 GRIP



PINK 180 GRIP



STAND. BLACK



HIGH WRIST



SIDE PLATES



QUICK DETACH DOUBLE GRIPPER

HOYT APPAREL

CAMO TRIM
PERFORMANCE LS



OLIVE RACK
LS TEE



GET SERIOUS
LS TEE



CAMO TRIM
ZIPPER HOODIE



HOYT REPEAT
HOODIE



CAMO HOODIE



RED REPEAT
CAP



BUCKET CAP

MESH BACK
SHOOTER CAP



GRAFFITI CAP

SKULL-MESH
CAP

BLAZE ORANGE
TEAM HOYT CAP



OIL SKIN
DISTRESSED
CAP



LADIES PINKY
AP CAP



TEAM HOYT
CAMO CAP



AP MESH BACK CAP



CAMO BEANIE

V-NECK
JERSEY



SHOOTER
JERSEY



LADIES LONG
BODY TEE



CAMO TRIM
PERFORMANCE
TEE



VERTICAL
HOYT TEE



GREEN
REPEAT TEE



HAT/SHIRT
COMBO PACK



HOYT SHOP
SHIRT



HOYT POLO



HOYT
CREST TEE



LADIES BLACK
LONG BODY LS



CUSTOM GEAR



UNIVERSAL BOW SLING

CAMO FIELD QUIVER



RECURVE STRINGER

TARGET FIELD QUIVER

TEAM HOYT TOWEL



TARGET HIP QUIVER

RECURVE BACKPACK



FORMULA RECURVE BACKPACK



ARCHERY BACKPACK



RELEASE POUCH



HOYT BANNER (8' X 2')

FLEECE BLANKET



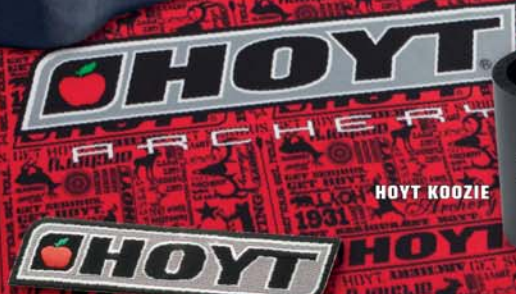
HOYT KOOZIE



KEYCHAIN



IRON ON PATCH (4.5" X 1")





TEAM HOYT
MULTI-PACK DECALS

FIGHTING BUCKS DECAL
(11" X 9")



CHROME DEER DECAL
(12" X 12")



MESH WINDOW DECAL
(35" X 7")



TEAM HOYT SKULL
DECAL (11" X 9")



LICENSE PLATE FRAME



WHITE HOYT DECAL
(15" X 2.75")



PASSIN
THROUGH DECAL
(9" X 11")



HOYT BOWHUNTER
DECAL (9" X 11")



JUNK BUCK
DECAL (9" X 11")



CHROME BUCKS DECAL
(9" X 11")

INDOOR/OUTDOOR
FLAG (5" X 3")

MOLDED BOW CASE
WITH CARBON
WEAVE DESIGN

DELUXE PROTECTIVE
BOW CASE



HOYT STOOL



CAMO BOW CASE

VIXEN

Archery Lifestyle



BECAUSE VIXENS CAN'T LIVE BY CAMO ALONE Ladies, promote your active outdoor lifestyle like never before with the all-new Vixen line! Featuring fun, eye-catching designs and colors on a trendy mix of comfort-fit, all-season, camo and non-camo Tees, pants, hoodies and caps - plus a complete line of elegant yet outdoorsy jewelry - Vixen is the ultimate wardrobe for active, outdoor-minded women of all ages. Visit the Hoyt.com Store or your local Hoyt dealer to experience the new look in ladies' outdoor fashion!

- | | |
|-----------------------------------|----------------------------|
| A. PLAID DEER TEE | M. JET BLACK MILITARY CAP |
| B. PINK VIXEN SPORT HOODIE | N. PLAID MILITARY CAP |
| C. JEWELLED SILVER NECKLACE | O. GRAY BASEBALL CAP |
| D. SILVER RACK NECKLACE | P. TICKLED PINK BEANIE |
| E. "X" RACK NECKLACE | Q. VIXEN HUNTER CAP |
| F. CLASSIC SILVER BRACELET | R. OLIVE TEE |
| G. SILVER CHARM BRACELET | S. FEATHER TEE |
| H. INDIGO FEATHER LONG SLEEVE TEE | T. CHOCOLATE TEE |
| I. BLACK FORM-FIT LONG SLEEVE TEE | U. HOODED THERMAL PULLOVER |
| J. SLATE BLUE LONG SLEEVE TEE | V. WHITE VIXEN TEE |
| K. CHERRY FLEECE ZIP HOODIE | W. VIXEN LOUNGE PANTS |
| L. LIME GREEN HOODIE | |







HOYT
ARCHERY

2011 HOYT COMPOUND BOW CONFIGURATIONS



Bow	Carbon Element	Carbon Matrix Plus	CRX 32	CRX 35	Rampage XT	Rampage	Vicxen	AlphaBurner	Maxxis 31	Maxxis 35	ProHawk
Limb	XTS ARC	XTS ARC	XTS ARC	XTS ARC	XTS ARC	ZRS 12	ZRS 12	XT 2000	XTS ARC	XTS ARC	ZRS 12
Axle-to-Axle	32"	35"	32"	35"	32"	34"	33"	34 3/4"	31"	35"	32"
Brace Height	7"	7 1/4"	7"	7"	7"	7"	6 3/4"	6"	7"	7"	7 1/4"
Draw Weight	40-80#	40-80#	40-90#	40-90#	40-80#	30-70#	20-70#	40-80#	40-80#	40-90#	20-60#
Mass Weight	3.6 lbs.	3.8 lbs.	3.95 lbs.	4.2 lbs.	4.0 lbs.	4.2 lbs.	4.1 lbs.	4.3 lbs.	3.9 lbs.	4.2 lbs.	4.0 lbs.
Eccentric Options & Draw Lengths	Fuel Cam 24.5-30" 323 fps	Fuel Cam 25.5-31" 318 fps  Fuel Cam 31.5-32.5" 318 fps 8" Brace 36 1/2" ATA	Fuel Cam 24.5-30" 323 fps	Fuel Cam 25.5-31" 318 fps  Fuel Cam 31.5-32" 318 fps 8" Brace 35 1/2" ATA	Fuel Cam 24.5-30" 323 fps	M4 Cam 25-30" 306 fps	Cam & 1/2 Plus 23-29" 306 fps	Spiral X 22-30" 340 fps	XTR 26-30" 323 fps	XTR 27-31" 318 fps	M4 Cam 23.5-30" 305 fps
Catalog Pg.	5	7	11	11	13	13	17	19	20	20	21

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 70lbs)

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.

ATA speeds based on 70 lb. 30" draw except Vixen (70 lb. 29"), Ruckus (40 lb. 25")
Bows manufactured under one or more of the following patent numbers: 5,682,871; 5,720,267; 4,957,094; 5,505,185; 6,871,643; 6,938,616



Ruckus	Vantage LTD	Vantage Elite Plus	Vantage Pro	AlphaElite	Contender Series	
YZ 50	XT 3000	XT 2000	XT 2000	XT ARC	XT 2000	XT 3000
29 3/4"	45"	See Below	See Below	36"	See Below	See Below
6 3/4"	8"	See Below	See Below	7"	See Below	See Below
10-50#	30-70#	30-70#	30-70#	30-70#	30-70#	30-70#
2.8 lbs.	5.2 lbs.	4.8 lbs.	4.8 lbs.	4.4 lbs.	4.6 lbs.	4.8 lbs.
Versa-Flex 18-28" 281 fps	AccuWheel 26-34" 271 fps	GTX Cam 25.5-32" 309 fps 8 1/8" Brace 40 1/2" ATA	GTX Cam 25.5-32" 305 fps 8" Brace 41 5/8" ATA	Fuel Cam 25.5-31" 320 fps	GTX Cam 24.5-31" 313 fps 7 1/8" Brace 38 5/8" ATA	GTX Cam 26-32.5" 303 fps 7 3/4" Brace 41 5/8" ATA
		Cam & 1/2 Plus 25.5-34" 308 fps 8" Brace 40 1/4" ATA	Cam & 1/2 Plus 25.5-34" 301 fps 8" Brace 41" ATA		Cam & 1/2 Plus 24-32.5" 308 fps 7 1/8" Brace 38 1/8" ATA	Cam & 1/2 Plus 25-33.5" 301 fps 7 3/4" Brace 41 1/4" ATA
		Spiral X 24.5-31.5" 315 fps 7 3/4" Brace 40 3/8" ATA	Spiral X 25.5-32" 308 fps 7 3/4" Brace 41" ATA		Spiral X 24-31.5" 315 fps 6 5/8" Brace 38 1/2" ATA	Spiral X 25.5-33" 310 fps 7 3/8" Brace 41 3/4" ATA
21	22	33	33	35	37	37

HUNTING COLOR OPTIONS:

(AVAILABLE ON ALL COMPOUND BOWS)



Realtree AP



Black Out
Black Riser/Black Limbs



Half & Half
Black Out Riser with Camo Limbs



Bone Collector
Camo Riser with Black Limbs
and Custom Graphics



MAX-1



BONE COLLECTOR

TARGET COLOR OPTIONS

HIGH-POLISH ANODIZE:

CUSTOM PAINT AND POWDERCOAT:



Fusion



Red-Fusion



Green



Orange



Cobalt Blue



Jet Black



Custom Red



Custom Blue



Custom Black



Pearl White

Black Out color option now available on recurve risers

Pink available upon special request



65 LB DRAW WEIGHT OPTION New for 2011, Carbon Element, Carbon Matrix Plus, CRX 32 & 35, Rampage XT & Rampage will also be available in a 65 lb. draw weight option.



LONG DRAW OPTION Carbon Matrix Plus and CRX 35 are also available in a Long Draw (LD) option for archers with extra long draw lengths. Designed with the XTS 1000 limbs, Carbon Matrix Plus LD is available in draw lengths of 31.5"-32.5" while the CRX 35 is available in 31.5"-32". See your dealer for details.



CRX 32 AND 35 DANGEROUS GAME SERIES: If you are planning to hunt dangerous game with a bow, you want a bow you can trust to get the job done. Hoyt is offering a Dangerous Game setup for the CRX 32 and CRX 35. This custom package is equipped with extra heavy draw limbs, reinforced components, a wood grip and custom Dangerous Game limb graphics. Available in 80 and 90 pound options for ultimate penetration through thick hides and large stature animals.

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.

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

Photo credits: Kevin Winzeler, Derek Smith, John Dudley, John Hafner, Dean Alberga, Yoshi Komatsu and Tony Haynes

Note: At the time of production of our 2011 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.

BOW SPECIFICATIONS



543 N. NEIL ARMSTRONG RD. | SALT LAKE CITY | UTAH | USA | 84116-2887 | PHONE 801.363.2990 | FAX 801.537.1470
Visit our web site for the latest news, contests and product information. www.hoyt.com