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WIN&WIN has the passion and experience that has maintained KOREA's archery dominance since the 1980s. Our staff aim for excellence with each WIN&WIN product they create. We manufacture for a world of champions, where every archer in every nation strives for perfection. A world of professionalism and power, born to win. WIN&WIN products are proven at World Championships and Olympic Games, and are continually setting new world records. But we are not satisfied. In fact, we are only just getting started...





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CARBON TECHNOLOGIA

DEVELOPING FUNCTIONAL ADVANCED COMPOSITE TECHNOLOGY

2015 PRODUCT GUIDE

Athletes have high expectations of WIN&WIN.

We only want to raise them. That is why we engineer innovation and optimise manufacturing processes. We combine the best quality modern carbon materials with high-tech tooling and efficient molding methods. From research and design to material testing, development and production, we improve the quality of our bows with each range we create. Our expert staff will continue to develop new and exciting techniques that keep WIN&WIN bows winning medals around the world. You can expect excellence from WIN&WIN.

PRODUCTION ENGINEERING

Experienced and passionate professionals with a scientific approach, developing specialized technology to make the world's best carbon products.

WIN&WIN CARBON TECHNOLOGY

High-tech engineering creates the best carbon material mixture for WIN&WIN bows, improving product quality and gaining athletes' confidence.



FROM OUR IDEAS TO YOUR HANDS : WE HARNESS EVERYTHING!

- 1. Customer input
- 2. Feasibility study
- 3. Analysis of structural test
- 4. R&D of specific new materials, processes and technologies ad hoc
- 5. Development of CAD and Cam files for mould fabrication and protoyping
- 6. Production of moulds and Pre-production prototypes
- 7. Production
- 8. Assembly operations (if necessary)
- 9. Finishing
- 10. Quality inspection
- 11. Delivery of finished goods



NANO TECHNOLOGY : ONLY FROM WIN&WIN

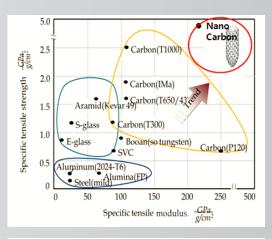
The new WIAWIS Bows from WIN&WIN are the most stable, accurate and durable. WIAWIS ONE Limbs are first infused with molecularly-bonded carbon nanotubes, the strongest modern material known to exist. Carbon nanotube resin has superior mechanical properties that produce consistent, accurate and secure limbs that effectively reduce shock. They are highly-well made, resistant to twisting and damage, and feel extremely smooth to shoot. Developed by WIN&WIN's manufacturing experts, the advanced nanotechnology in the new WIAWIS BOW is the future of archery consistency and accuracy. It is the science of shooting feeling.

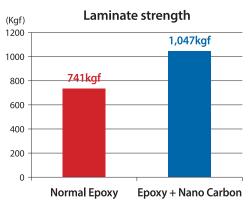
CARBON NANOTUBE TECHNOLOGY

Carbon nano-materials-carbon nanotube and graphite nanofiber are true 21st century materials. They can be made as small as 1/10,000th of a human hair, and have superior mechanical, chemical, physical and magnetic properties. Scientists believe nano-materials are the building blocks for the next generation of engineering.

CNT COMPARISON GRAPH

Nano carbon is superior on stiffness and when mixing with carbon fibers, its adhesive strength increases approximately 30~40% more than using only normal carbon fibers and it increases durability. When the Nano carbon is applied to the riser, shock and vibration absorption enhances 150 to 200% more than when using carbon fibers only. This function is shown over 30% reduced unnecessary movement in shooting and it creates clear shooting and better arrow grouping.





BOW TECHNOLOGY WIN&WIN EQUIPMENT IS

CREATED BY THE BEST AND CHECKED BY THE BEST.

WEIGHT BALANCE SYSTEM

Weight Balance System is inserted in the middle of the riser front end. It gives the movement of gravity center towards the frontside of riser and it affacts more comfortable shooting feels and reduce the unnecessary movement.



THE SCIENCE OF SHOOTING FEELING

WIN&WIN products are designed with the archer in mind. Every innovative technology we use is part of the science of shooting feeling.



3Ss: SPEED, STABILITY & SMOOTHNESS

Limbs are evaluated by three measurements: arrow speed, stability and smoothness. We research, design and develop all our bows based on these key factors. That makes sure archers love each WIN&WIN product.



HIGH TECH FOAM CARBON

Traditional limbs are coated in glass fiber to protect the carbon but it reduces arrow speed because it is so heavy. WIN&WIN uses a 45-degree carbon system that effectively protects, increases shooting stability and reinforces the limb against twisting.



STRAIN BALANCE SYSTEM

A strain energy concentrated on the top of the limbs distributes strain energy to the overall limb. It helps unnecessary limb movement to minimize and shooting more smooth and stable.



WIN&WIN BOW TECHNOLOGY

Archery specialists and composite material professionals work together at our high-tech facilities to develop each WIN&WIN product. With the right balance of expertise and passion, they deliver the science of archery every single day.



ABSORB VIBRATION SYSTEM

WIN&WIN's revolutionary new stabilization system specifically addresses the issue of vibration travelling back into the bow. The new HMC PLUS stabiliser's unique design absorbs shock, improves dampening and controls torque during shooting.



THE SCIENCE OF STRING FOLLOW-THROUGH

WIN&WIN engineers know that bow performance is measured on accuracy, stability, arrow speed and how smooth it feels at the moment it is shot. The last is the most important, and the string follow-through or string reaction on release is a major indicator of whether a bow feels good.

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2015 PRODUCT GUIDE





CROSS CARBON LIMB TECHNOLOGY

A carbon fabric exclusively produced by WIN&WIN reinforces limbs against twisting and raises their elastic modulus. That means the limbs are stiffer, more stable and produce higher arrow speeds.



CENTER SHOT ADJUSTMENT SYSTEM

With WIN&WIN's unique system, limb and riser alignment can be adjusted without unstringing the bow. We also designed a highly-specialized washer that prevents limb bolts from randomly coming loose.



ALUMINIUM FORGING TECHNOLOGY Our hot forging system enhances the useful properties of all WIN&WIN aluminum products, like tensile strength and



T6 HEAT TREATMENT

hardness.

T6 heat treatment raises the tensile strength and elastic modulus of WIN&WIN aluminum risers, making them resilient to intense shock.



TORQUE FREE

Torque as the bow twists in an archer's grip when they release affects arrow flight directly, and will lessen accuracy. Reducing torque within the 0.03 seconds after an arrow is released dramatically improves consistency. WIN&WIN's TFS device absorbs shock and vibration on shooting, minimizes torque and increases accuracy.



TOWER EFFECT

WIN&WIN's barrelled bottom (thicker and wider) design creates an innovative tower effect. This absorbs shock during the shot and increases accuracy by removing unnecessary movement in the bow.



EXTREME DURABILITY

WIN&WIN bows are made to a superior standard. During development each design must survive a 100,000-repetition durability test.



IDEAL GRIP

The WIN&WIN ideal grip is moulded to accept the joint of each finger, making drawing and aiming easier and minimizing torque during shooting.



Winning Action & Winning Spirit WORANNESS SERIES We are born to WIN. Are you?



- 1. RISER WIAWIS NANO MAX
- 2. LIMB WIAWIS ONE (FOAM / WOOD)
- **3. STABILIZER** WIAWIS ACS NANO

The WIAWIS series are complemented and renewed from the Inno series.

By effective control of strain energy & weight balance and combined nano carbon & natural fiber, WIAWIS series shows nearly 40% more stable motion and vibration reduction.

For more Stable, Powerful and Accurate shooting with good shot feeling!

Winning Action & Winning Spirit

WIAWIS NANO MAX

NANO CARBON TECHNOLOGY : FASTER, BETTER, STRONGER!

Nano carbon is superior on stiffness and when mixing with carbon fibers, its mechanical strength increases approximately 30~40% more than using only normal carbon fibers and it increases durability. When the Nano carbon is applied to the riser, shock and vibration absorption enhances 150 to 200% more than when using carbon fibers only. This function is shown over 30% reduced unnecessary movement in shooting and it creates clear shooting and better arrow grouping. WIAWIS NANO MAX riser maximizes carbon properties such as vibration absorption and adapted Nano techniques, and reduces unnecessary movement significantly.

LENGTH	25 inches	27 inches
MASS WEIGHT	1320g	1370g
ТҮРЕ	RH / LH	RH(Only)
MATERIAL	Carbon Grap	hite / Nano Carbon
COLORS(TWO-TONE)	Black-Red, Black-Orange, Black-Neor Black-Pink, White	yellow, Black-Blue, e-Pink, White-Green

OTHER VIEWS & COLORS



TECHNOLOGY

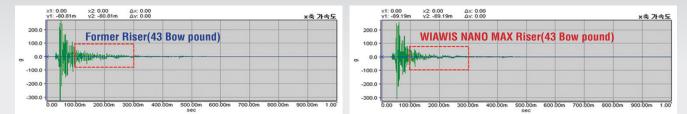




NEW CONCEPT CARBON RISER WITH UPGRADED FUNCTIONS AND TOP TECHNOLOGY

EFFECTIVE SHOOTING SHOCK ABSORPTION AND VIBRATION REDUCTION

We analyze the amount of power put through the riser when shooting and maximize the vibration damping effect and shooting stability. Balanced weight distribution of the WIAWIS NANO MAX riser has a good effect on actual shooting feeling.



WEIGHT BALANCE SYSTEM

 Weight balance system is inserted in front of the riser grip and center of gravity is moved forward.
 It minimizes torque after shooting to make shooting more stable. 2. Carbon prepreg frames are molded on both sides of the riser and it increases bow stability and accuracy to prevent from bending or twisting.

MORE STABLE & ACCURATE SHOOTING

WIAWIS NANO MAX riser remarkably reduces vibration to the feel on a grip when shooting. This is possible because the center of balance is moved forward of a riser and this disperses vibrational shock efficiently, resulting in reduction of unnecessary movement. Finally, the archer feels less vibration and shooting is considerably smoother and more stable.

WIAWIS NANO MAX carbon riser is superior to absorb vibration in material itself as well as optimizes weight balance in structural.

Winning Action & Winning Spirit

WIAWI ONE

NANO TECHNOLOGY ONLY FROM WIN&WIN

The new WIAWIS limbs are the most stable, accurate and durable limbs. Carbon nanotube resin has superior mechanical properties that produce consistent, accurate and secure limbs that effectively reduce shock. They are highly-well made, resistant to twisting and damage, and feel extremely smooth to shoot.

FOAM CORE

Nano technology combined foam core limbs enables more powerful and smooth shooting. This characteristic increases durability, makes the limbs stable to shoot and enhances the shot feeling with fast arrow speed.

LENGTH	66", 68" & 70"
DRAW WEIGHT	28 ~ 48 lbs
ТҮРЕ	Glossy
MATERIAL	Nano Foam Core / High Modulus Carbon / Flaxpreg

WOOD CORE

The lumber that used in WIN&WIN's wood core is selected by rigorous quality specifications and sorting process for indefectible limbs. By combining of superior nano carbon that has extremely high strength and vibration reduction, WIAWIS wood core limbs features very stable feels at full draw and extremely powerful at the moment of release. It enables more constant and powerful shooting with enhanced arrow grouping.

LENGTH	66", 68" & 70"
DRAW WEIGHT	28 ~ 48 lbs
ТҮРЕ	Glossy
MATERIAL	Nano Wood Core / High Modulus Carbon / Flaxpreg

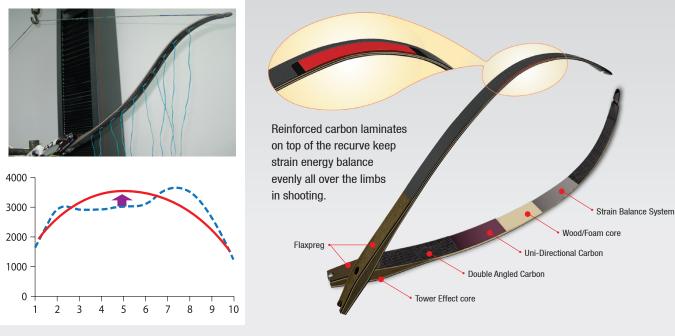
TECHNOLOGY





STRAIN BALANCE SYSTEM

WIN&WIN research and development team has studied on relationship between how to change arrow speed/grouping and how to affect the shooting feeling according to the changing of strain energy distribution and bending of limbs. As a result, we developed archery limbs that have ideal strain energy balance. WIAWIS ONE limbs distribute strain energy to the overall limb in the correct positions as "one". This keeps unnecessary limb movement to a minimum and offers more stable shooting feeling. This is why the limbs are called as 'WIAWIS ONE'.

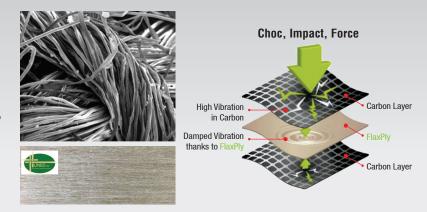


STRAIN BALANCE SYSTEM

INTERNAL DIAGRAM OF WIAWIS ONE LIMBS

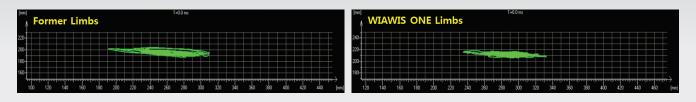
NATURAL FIBER WAS USED ON THE LIMBS FOR THE FIRST TIME IN THE WORLD

WIAWIS ONE limbs is used the material called Flaxpreg made of natural fibers and epoxy resins in archery. This material has never been used in archery manufacture before. Flaxpreg is environment-friendly material, and its twisted structure enhances the vibration damping effect in shooting. Also, Flax laminates produced with carbon fiber absorbs vibration more efficiently.



MORE ACCURATE & POWERFUL SHOOTING WITH COMFORTABLE SHOT FEELING

WIAWIS ONE limbs made of Flaxpreg minimize torque and increase shooting feeling best through the best strain energy balance. Also natural fibered limbs absorb shooting vibration much more effectively. Thus the archers can shoot much more stable and accurate.





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MORE EFFICIENT TAPERED DESIGN TO IMPROVE STIFFNESS

WIAWIS ACS NANO NEW stabilizer was developed focused on improving shot feeling. We increased stiffness using tapered tube on end part of the stabilizer. It reduces unnecessary movement by eliminating vibration after shooting efficiently and with controlling shock and vibration transferred from limb movement.

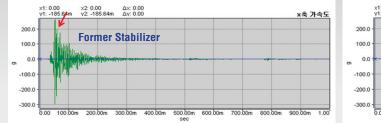


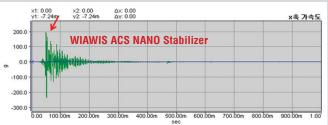
DESIGN TO RESTRAIN TORQUE EFFICIENTLY

WIAWIS ACS NANO stabilizer features eliminate the V-bar connecting bolt weighting 40 grams by integrating the bolt within the stabilizer cap. This offers a reduced weight on the back side, so 25 grams was added on the opposite end, the stabilizer head. The center of gravity has been moved forward to eliminate unnecessary movement and reduces vibration more efficiently. WIAWIS ACS NANO NEW stabilizer features not only offer better shooting feeling but also give technological advancements on current competitive stabilizers.



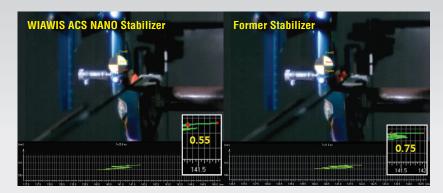
STABLE SHOOTING WITH FEELS COMFORTABLE AND EXCELLENT VIBRATION REDUCTION

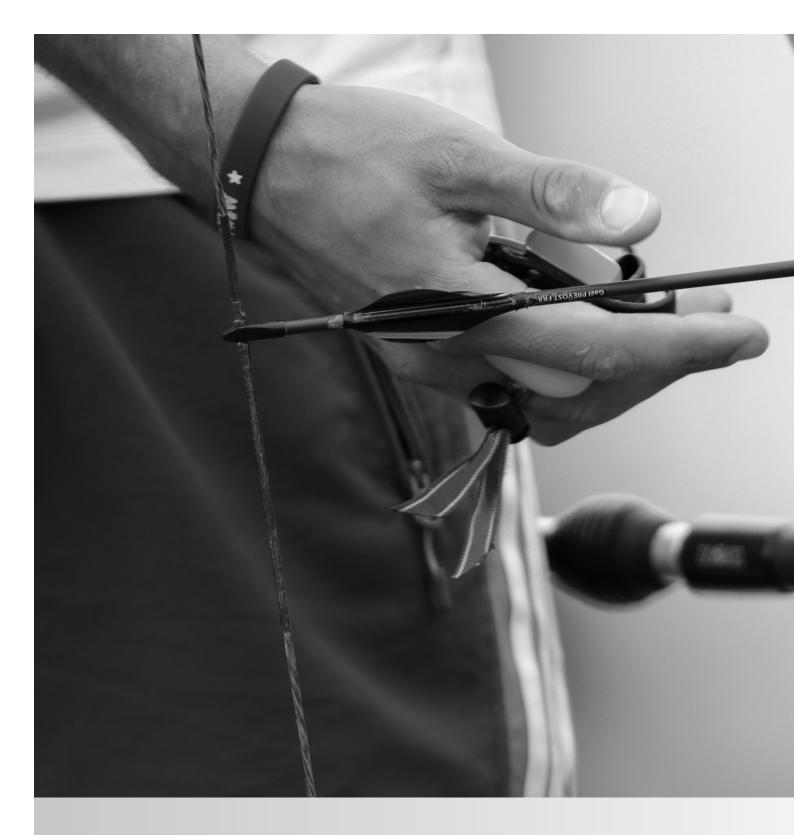




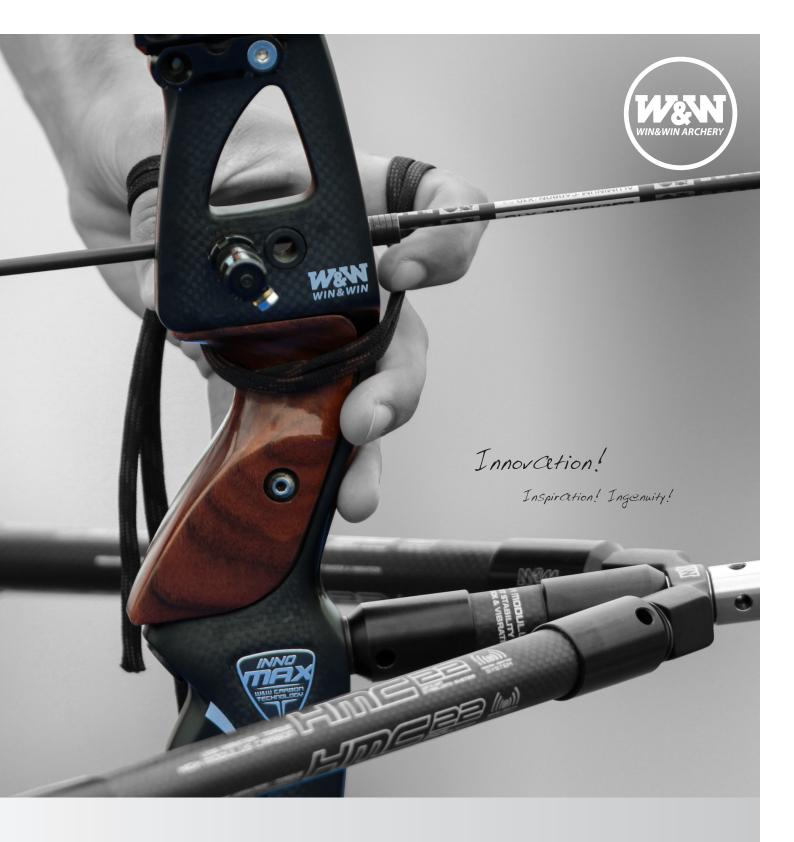
MORE EFFICIENTLY CONTROLS THE RISER MOVEMENT

We can see how well WIAWIS ACS NANO stabilizer controls unnecessary movement through the arrow rest movement. Graph on the right shows arrow rest movement of the bow set up WIAWIS ACS NANO stabilizer is much smaller and moves more regularly. 2015 WIAWIS ACS NANO stabilizer used the special foam having excellent shock resistance and rigidity and it made shooting more stable with shooting feels comfortable.





INNO SERIES We are born to WIN. Are you?



INNO BOW, MODERN WIN&WIN TRADITION

WIN&WIN's INNO BOW range features risers and limbs made from modern materials to suit a range of archers.

The series is customisable with adjustable weight control systems, and the powerful INNO limbs fit any INNO riser.

Introducing the world's best recurve bow : the INNO.

INNO RISERS	INNO CXT, INNO AXT, INNO AL1
INNO LIMBS	INNO EX POWER, INNO EX PRIME

INNO CXT



WIN&WIN

W&W

UNIQUE DESIGN : OPTIMISING CARBON

Made to maximize the properties of carbon, the INNO CXT riser minimizes unnecessary limb movement when an arrow is released. This makes shooting far more stable and efficient by lessening the wasted energy lost as vibration. The INNO CXT is so pioneering it won a Red Dot Design Award. The problem of twisting and bending in carbon risers is a thing of the past. WIN&WIN engineers solved these issues with improvements to the molding process used to make the INNO CXT. It is possible to achieve practically perfect limb and riser alignment with WIN&WIN bows. Many archers with draw lengths of 27", 29" and 31" struggle to set-up a bow with a 25" riser. The INNO CXT is available in a 26" version, which makes a 67", 69" or 71" bow with short, medium or long limbs. Do not settle for anything less than the perfect fit, choose the right WIN&WIN INNO CXT for you.



		(o maioar oldo molgita
LENGTH	23 inches	25 inches	26 inches	27 inches
MASS WEIGHT	1200g	1250g	1285g	1300g
ТҮРЕ	RH	RH / LH	RH	RH
MATERIAL	Carbon Graphite / Carbon			
COLORS	TOW-TONE : BlackWhite-Gold, Dark Red-White, Dark Navy-White GLOSSY : Black, Red, Blue, White MATT : Black, Titanium Gray			



INNO AXT

INNO AL1

MODERN STYLE, **TRADITIONAL MATERIAL**

for the world stage.

The stylish INNO AL1 is perfectly balanced for

increases stability and accuracy in shooting.

The INNO AL1 has improved tensile strength by

30% over normal solid aluminum risers. The INNO

hand and the aluminum material it is made from

schemes. This is a serious riser, primed and ready

the ultimate shooting accuracy and consistency.

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EXTREME TECHNOLOGY

Combining the award-winning design of the INNO CXT with the trusted traditional material, aluminum, the new INNO AXT is a premier competitive riser. Forged aluminum and machined with a CNC, it significantly increases stability and accuracy in shooting. The INNO AXT has improved tensile strength by 30% over normal solid aluminum risers. The INNO AXT weighs 1340 grams and feels heavier in the hand. This new innovative riser is very stable to shoot due to the balanced weight. It is perfect for archers who prefer the confident feel of metal when they pick up their bow.



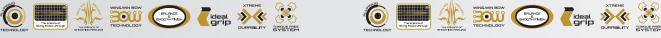
LENGTH Mass Weight Type	25 inches 1330g RH / LH	
MATERIAL	Forged Aluminum / Cut by Machine	

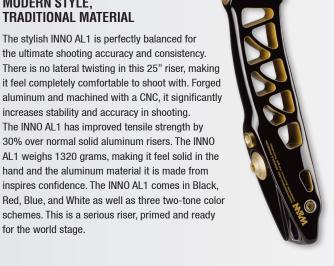
COLORS (Anodizing)

Black, Red, Blue, Gold, Green, Pink



LENGTH	25 inches
Mass weight	1320g
TYPE	RH / LH
MATERIAL	Forged Aluminum / Cut by Machine
COLORS (Painting)	TOW-TONE : Black-Gold, Red-White, Blue-White GLOSSY : Black, Red, Blue, White





INNO EX Power



FOAM CORE

The carbon outer structure of INNO EX POWER limbs is created with N-composite carbon nano technology. This is an adjustment at the molecular level that significantly strengthens and enhances the stability of the carbon matrix. Inside the limb, the nanofoam core connects the high-modulus carbon at strategic points. It provides durability, makes the limbs smooth to shoot and enhances their overall feel.

WIN&WIN is leading the way in recurve limb technology :

superior speed, stability and shooting feeling make INNO EX POWER the best carbon limb available.

WOOD	CORE
11000	OOTIL

Utilising WIN&WIN's N-composite carbon nano technology, the structure of INNO EX PRIME limbs is significantly stronger, right down to its molecular carbon matrix. INNO EX PRIME contains a core made of meticulously and especially-selected wood. This makes the limb feel very stable at full draw and extremely powerful at the moment of release. Focus on your draw, aim and executing the perfect shot. Let INNO EX PRIME concentrate on delivering a consistent, stable arrow down the range.

LENGTH	66", 68" & 70"
POUNDAGE	28 ~ 48 lbs
ТҮРЕ	Glossy / Matt
MATERIAL	Nano Foam Core / High Modulus Carbon

66", 68" & 70"	
28 ~ 48 lbs	
Glossy / Matt	
Nano Wood Core / High Modulus Carbon	





RCX-100

RISER

The light, high-performance RCX-100 riser is designed around two carbon frames that maximise its strength at the moment it is shot. Built from royal cross carbon and carbon U/D using WIN&WIN advanced material technologies, the RCX-100 can be aligned and centre-shot adjusted while the bow is strung. 0 0

LIMBS

RCX-100 limbs contain a CRS foam core that optimises their speed.

They feature high modulus carbon and the 45-degree carbon system developed by WIN&WIN engineers to increase shooting stability and protect the limb during use, also ensuring straightness and resiliency against twisting. centre-shot adjusted while the bow is strung.

RCX-100 RISER

LENGTH	25 inches	
MASS WEIGHT	1100g	
TYPE	RH / LH	
MATERIAL	Royal Cross Carbon & Carbon U/D	
COLORS	Gold, Red, Blue, Pink, Black	
	* The carbon pattern on the surface can be partially shown irregularly.	

RCX-100 LIMBS

LENGTH	66" .68" & 70"
POUNDAGE	28 ~ 48 lbs
MATERIAL	Nano Foam Core / High Modulus Carbon





WINEX

RISER

The WINEX riser wins its fans as soon as they feel their hand nestle into its well-shaped grip. Made from strong forged aluminum, the 25" riser is stylishly designed and structured to prevent lateral twisting, making it stable and comfortable to shoot with. The handle weighs 1280 grams and comes painted.

LIMBS

Royal cross carbon is the secret to the WINEX's smooth performance. WIN&WIN's 45-degree carbon system protects the surface of the limb and provides stability, while the barrelled bottom design increases accuracy by reducing unnecessary movement when the bow is shot. WINEX limbs are available in draw weights from 28lbs to 48lbs, in 2lbs increments.



WINEX RISER

LENGTH	25 inches
MASS WEIGHT	1280g
ТҮРЕ	RH / LH
MATERIAL	Forged Aluminum / Cut by Machine
COLORS (Painting)	Silver-Red, Silver-Blue, Black, Red, Blue, Yellow, White

WINEX LIMBS

LENGTH	66",68" & 70"		
POUNDAGE	28 ~ 48 lbs		
MATERIAL	Royal Cross Carbon		

N.SAA

WINACT

RAPIDO 🎽

RISER

Offering all the benefits of a carbon composite riser at an affordable price, the clean -cut shape of the economical RAPDIO is contrasted by its stylish metal brackets. They provide a sturdy bed for limbs to sit in, and help dampen vibration throughout the riser. The new RAPDIO is recommended for archers looking for a lighter bow that feels smooth to shoot.

LIMBS

NRA

The RAPIDO carbon/foam limbs are specifically designed to complement the new carbon riser. Easy to draw and aim, the RAPIDO limbs are silky smooth to shoot and perfect for building competition archery confidence!



RAPIDO RISER

LENGTH	25 inches
MASS WEIGHT	1100g
ТҮРЕ	RH / LH
MATERIAL	Royal Cross Carbon & Carbon U/D, Glass Fiber
COLORS	Carbon Black, Red, Sky Blue, White, Neon Yellow, Pink

RAPIDO LIMBS

LENGTH	66" ,68" & 70"
POUNDAGE	26 ~ 46 lbs
MATERIAL	Royal Cross Carbon



The WINACT is back!

RISER

As one of the most popular risers WIN&WIN have ever created, it was due a revival. Now with a fresh, modern design and a new name, the high-quality WINACT-VT is smoother to draw and aim than its predecessors. It is made from aluminum and weighs in at 1280 grams. Pick up a WINACT-VT and see how good this new version of an old favourite feels in your hand.

LIMBS

It is not just the WINACT riser that has had a makeover : the limbs deserved a refresh, too. As reliable as they have ever been, WINACT-VT limbs are better performing, more efficient and more accurate-thanks to a neat new design. Get that powerful shooting feeling, tried and tested on the competition circuit, with the ever-popular carbon/wood core WINACT-VT limbs.

WINACT-VT RISER

LENGTH	25 inches
MASS WEIGHT	1280g
TYPE	RH / LH
MATERIAL	Forged Aluminum / Cut by Machine
COLORS (Anodizing)	Matt Black, Black, Red, Sky Blue, Green, Pink

WINACT-VT LIMBS

LENGTH	66" ,68" & 70"
POUNDAGE	26 ~ 46 lbs
MATERIAL	Royal Cross Carbon





ACCESSORIE We are born to WINL Are you?

2t Fully equipped from our Comprehensiv inge of ArChery ACCessories.

GREAT DESIGN FOR **GREAT** ARCHERS

As well as manufacturing the finest quality recurve bows, WIN&WIN makes a huge range of refined archery accessories.

Our staff listen to athletes, understand their needs and design items that archers want.

WIN&WIN products are renowned for their high quality, functionality and reliability.

WS600 SIGHT

NEVER COMPROMISE YOUR AIM

WS600 is WIN&WIN's precision-machined competition sight, trusted by some of the world's best archers.

It has wheel tuners to accurately measure fine sight movements and a slide bar for convenient and smooth vertical adjustment. A unique bolt system securely locks the sight in place.

Foam inside its carbon extension bar protects the WS600 from damaging vibration that travels through a bow when it is shot. It also keeps weight to a minimum and prevents torque during shooting.

Never compromise your aim. Choose the trust worthy, sturdy and secure WS600 sight from WIN&WIN.



COLORS

TYPE RH / LH

WEIGHT 585g

OTHER VIEWS & COLORS

Black, Red, Blue, Silver



HMC 22 Stabilizer

THE BEST STABILIZER EVER ENGINEERED

HMC 22 is WIN&WIN's revolutionary new stabilizer constructed from modern high tensile strength carbon, making it stronger and stiffer. With its highly durable 3K carbon fabric surface, the HMC 22 stabilizing system has improved dampening qualities, shock absorbance and torque control.

Unlike other stabilizers the thickness of the HMC 22 tube wall varies, helping it to absorb high levels of shock very quickly. The rod wall measures 0.0275" (0.7mm) at the front and 0.0787" (2mm) at the base. This creates reduces movement at the end of the rod and absorbing vibration throughout the length of the stabilizer rather than pushing it back into the bow.

Recurve and compound archers appreciate just how smooth this innovative design makes shooting with HMC 22. The thick, 0.866" (22mm) diameter tube is also great for compound archers looking for a sturdier stabilizer. Create your perfect stabilization system!

LONG ROD	26 inches	28 inches	30 inches	32 inches	34 inches
Weight	271.5g	285.5g	299.5g	313.5g	327.5g
SHORT ROD WEIGHT			10 inches 172.5g	11 inches 176g	12 inches 179.5g
EXTENDER		3 inches	4 inches	5 inches	6 inches
WEIGHT		77.5g	94.5g	105g	110g

- ① HMC 22 absorbs vibration at the source and heavily reduces movement, while other stabilizers release vibration along their length.
- ② The walls of other stabilizers stay the same thickness along the length of the rod (top). HMC 22 has a thicker wall at its base but gradually reduces to under half the size at the front (bottom).
- ③ A vibration wave graph shows how vibration is more effectively controlled by HMC 22 because it is absorbed progressively along the entire rod. Other stabilizers release vibration back into the riser.

1

HMC 22



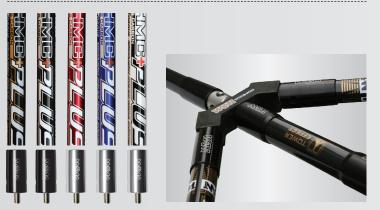
HMC PLUS STABILIZER

WHAT YOUR RECURVE BOW NEEDS

Recurve archers strive for higher arrow speeds, but this results in increased vibration in the bow. Up until now, stabilizers have not been able to effectively deal with this. WIN&WIN specifically designed the HMC PLUS to address this issue. The system also improves dampening, absorbs shock and helps control torque during shooting. While other stabilizers have a consistent wall thickness along their length that does not fully absorb vibration, the wall thickness of HMC PLUS varies. At the front of the rod the wall is 0.0275" (0.7mm) thick, gradually growing to 0.0787" (2mm) at the base. When installed with an extender as a full stabilization system, HMC PLUS effectively absorbs the shock produced by shooting a recurve bow.

LONG ROD 26 inches 28 inches 30 inches WEIGHT 206.5g 225g 232.5g SHORT ROD 10 inches 11 inches 12 inches WEIGHT 141g 145g 156g **EXTENDER** 3 inches 4 inches 5 inches 6 inches WEIGHT 70g 84g 87.5g 90.5g COLORS Gold, Black, Red, Blue, White

OTHER VIEWS & COLORS



HMC PLUS LONG 1 HEAD+1 FLAT INCLUDED! HMC PLUS SHORT 1 HEAD INCLUDED!

EIGHT t & Head)

HMC PLUS EXTENDER



ACCESSORIES

CX2 V-BAR

Though most shock that occurs when shooting is absorbed by a stabilizer and V-Bar, some vibration returns to the riser and makes consistent accuracy difficult. WIN&WIN's new CX2 V-Bar is designed to absorb shock more efficiently, and increase shooting consistency by minimizing the vibration that returns back into the riser. looking for a sturdier stabilizer. Create your perfect stabilization system!

THREE STRAIGHT ANGLES	35, 40 and 45 degrees
WEIGHT	118g



CX V-BAR

The CX V-Bar is an all-carbon proven performer,

far better at absorbing vibration than its aluminum competitors. It is also significantly lighter and WIN&WIN's unique 'rolling' technology greatly increases its dampening characteristics.

Shooting with the CX V-Bar feels stable and smooth, something you will struggle to achieve with an aluminum v-bar.

THREE STRAIGHT ANGLES		
THREE STRAIGHT ANGLES		
WEIGHT		
WEIGHT		

35, 40 and 45 degrees 117.5g

WIN ARCHER



WEIGHT/TILLER ADJUSTMENT BOLT

TYPE MATERIAL	A Aluminium	B (Tov Stainles	w-tone) ss steel		C (Tow-tone) Stainless steel
SIZE	13mm×1.25	13mn	n×1.25		12mm×1.25
WEIGHT	34g		42g		39g
COLORS			Black, Re	d, Blue, Gold, Gree	n, Pink, Orange
APPLICABLE RISER	A TYPE, B TYPE : INNO AXT, INN	IO AL1, WINEX, WINACT-VT	C TYPI	: INNO MAX, INNO	O CXT, RCX-100
	Amin	MAL ANIMANNAL ANIMANNAL	3"INAWINA	AWINSWINE AWINSWINE	A WINNEWINE
	А ТҮРЕ		A DURANT AND A		SA WINNER AND
	2484	A. ARSIA. ARSIA.	10300	10100- 10100	40270
	R C TYDE				
	В,С ТУРЕ				
	В,С ТУРЕ				
LIMB BOLT	B,C TYPE	WEIGHTS			
-	B,C TYPE	WEIGHT		Head 40g	Flat 23g



ACS DAMPER



After much research and development by the Win&Win team on the shape and length of vibration waves with stabilizers, Win&Win has released their WIAWIS ACS Damper. The ACS Damper is far superior in absorbing vibration and it has been designed for use with the 2015 WIAWIS ACS stabilizer. The WIAWIS ACS Damper will also work and enhance any other stabilizer.

LENGTH		50mm
WEIGHT		40.5g
THREAD SIZE		1/4" × 20(M)



BW&BW SHORT DAMPERS

BW dampers are made from an absorbent rubber material that nearly eliminates vibration during shooting and controls poor movement in equipment after the shot.



MINI DAMPER(MDW)

Mini Dampers are the most efficient small anti-vibration device, and can be installed as part of a stabilization system to help absorb shock.

COLORS	Black, Red, Blue, Orange
WEIGHT	19.5g
THREAD SIZE	1/4" × 20(M)



WT DAMPERS

WIN&WIN's WT Dampers are outstanding at absorbing vibration and increasing dampening in a stabilization system. Using a special formula of TPU plastic, WT Dampers eliminate shock and greatly reduce noise.

COLORS Weight Thread Size	WTS WTS : 5/1	: 121.5g 6"-24(M)	Black, Red, Blue WTW : 59g WTW : 1/4"-20(M)
	•	WTW	

WK500 CUSHION PLUNGER

Well-engineered from high-quality components, the WK500 Cushion Plunger has a very smooth button action and micro click adjustments for fine bow tuning.

WTS

ADJUSTABLE LENGTH	min 17.5mm - max 24.0mm (24mm pressure point) min 24.0mm - max 29.0mm (29mm pressure point)
COLORS	Black, Red, Blue, Silver
WEIGHT	62g
Thread Size	5/16"-24



2015 PRODUCT GUIDE

ACCESSOR

CARBON CLICKER

WIN&WIN's Carbon Clicker is light, precise and designed to fit snugly onto any riser. The matt black carbon blade gives a clear 'click' on every shot.

THREE THREAD SIZES	6-32, 4-40 or M4



29

BEARING ARROW REST

WIN&WIN's recurve arrow rest uses a flipper-style arm to improve accuracy and ensure smooth shooting. It incorporates a bearing that tightens groups on the target while providing superb clearance. The arm is stiff and stable, minimizing the vertical movement that interferes with clean arrow flight.

TYPE RH / LH COLORS Black, Silver



WIAWIS EZ FINGER TAB

EZ finger tab is designed with an adjustable plate to perfectly fit your palm and allow for comfortable and natural hooking. The plate can be precisely adjusted to fit your hand by moving the plate in three planes :

up and down, front and back, and diagonally. The small size of the tab takes away obstructions.

The tab is made from reliable, high-quality genuine Cordovan leather.



360 CORDOVAN FINGER TAB

Designed with archers' comfort in mind, the new 360 Cordovan Finger Tab is a high-quality and dependable genuine leather recurve finger tab.

 TYPE
 RH / LH

 SIZE
 Small, Medium, Large



/IN&WIN ARCHER

WIAWIS EZ R FINGER TAB

The round design of the EZ R Tab and unique sliding adjustments allow for comfortable thumb positioning and natural hooking. The unique plate positioning allows for dynamic control over the WIAWIS EZ R finger tab. It is possible to control factors such as hand shape, the force transmitted through the hand, and sensation of the shot. The plate that supports the little finger can be micro-adjusted and is also detachable. The tab is made from reliable, high-quality genuine Cordovan leather.

		 			_
TYPE	RH / LH	SI	ZE	X-Small, Small, Medium, Large	





AT-100 ARM GUARD

The new AT-100 Arm Guard has a skeleton-like structure with all the unnecessary parts cut out, making it extremely light and comfortable to wear. Its smooth outer surface creates less friction when impacted by the string.



FINNO CHEST GUARD

Ergonomically designed to sit securely and consistently on the shoulder and around the chest shot after shot, FINNO Chest Guard was designed by archers for archers!



CESSORIES

ABS BOWCASE

Protecting archery equipment is essential, and that is the why the ABS Bowcase has such a solid outer shell. The smart design includes an extendable trolly handle, but does not sacrifice space for its impressive durability. Inside, there is plenty of room to store and organize a variety of archery gear.

SIZE INNER : 830 X 330 X 205 (mm), OUTER : 878 X 348 X 219 (mm) COLORS Black, Silver



TY MULTI BOW STAND

Suitable for indoor and outdoor use, the TY Multi Bow Stand is solidly built and a reliable bow support in all conditions. It is light yet strong and durable, its flip-lock legs fold up for easy storage and comes with two types of cradle head.



STRETCH BAND

Used as an exercise tool, the SCAPOWER Stretch Band will increase an archer's pulling weight, build up muscle and develop firmness in the shoulder. It can also be used to improve posture and technique.

Daily practice is recommended : 10 minutes at a time with at least a 2 or 3 minute break. It does not take long to see improvement in shot placement, draw process and balance in the bow shoulder. Try it for yourself!



ARROW PULLER

The solid gripping surface on WIN&WIN's arrow puller makes retrieving arrows from the target safe and easy. It fits comfortably in the hand, includes a keyring for attachment to a belt or pack. Shaped like a cat!



GRIP MAKER

Some archers find a custom-fit grip improves their shooting. Make your own grip quickly and easily with a WIN&WIN grip maker resin kit. WIN&WIN Gripper resin is available in 300g and 25g quantities.



2015 BOW SPECIFICATIONS



WIN&WIN RISER TECHNICAL SPECIFICATIONS

RISER	LENGTH	MASS WEIGHT	ТҮРЕ	MATERIAL
WIAWIS NANO MAX	25 inch	1320g	RH / LH	Carbon Graphite / Nano Carbon
	27 inch	1370g	RH	Carbon Graphite / Nano Carbon
INNO CXT	23 inch	1200g	RH	Carbon Graphite / Carbon
	25 inch	1250g	RH / LH	Carbon Graphite / Carbon
	26 inch	1285g	RH	Carbon Graphite / Carbon
	27 inch	1300g	RH	Carbon Graphite / Carbon
INNO AXT	25 inch	1330g	RH / LH	Forged Aluminum / Cut by Machine
INNO AL1	25 inch	1320g	RH / LH	Forged Aluminum / Cut by Machine
RCX-100	25 inch	1100g	RH / LH	Royal Cross Carbon & Carbon U/D
WINEX	25 inch	1280g	RH / LH	Forged Aluminum / Cut by Machine
WINACT-VT	25 inch	1280g	RH / LH	Forged Aluminum / Cut by Machine
RAPIDO	25 inch	1100g	RH / LH	Royal Cross Carbon & Carbon U/D, Glass Fiber

WIN&WIN LIMBS TECHNICAL SPECIFICATIONS

LIMBS	LENGTH	POUNDAGE	ТҮРЕ	MATERIAL
WIAWIS ONE (FOAM)	66", 68" & 70"	28 ~ 48 lbs	Glossy	Nano Foam Core / High Modulus Carbon / Flaxpreg
WIAWIS ONE (WOOD)	66", 68" & 70"	28 ~ 48 lbs	Glossy	Nano Wood Core / High Modulus Carbon / Flaxpreg
INNO EX POWER	66", 68" & 70"	28 ~ 48 lbs	Glossy / Matt	Nano Foam Core / High Modulus Carbon
INNO EX PRIME	66", 68" & 70"	28 ~ 48 lbs	Glossy / Matt	Nano Wood Core / High Modulus Carbon
RCX-100	66", 68" & 70"	28 ~ 48 lbs		Nano Foam Core / High Modulus Carbon
WINEX	66", 68" & 70"	28 ~ 48 lbs		Royal Cross Carbon
WINACT-VT	66", 68" & 70"	26 ~ 46 lbs		Royal Cross Carbon
RAPIDO	66", 68" & 70"	26 ~ 46 lbs		Royal Cross Carbon

PROFESSIONALISM, POWER AND PASSION : BORN TO WIN.



Blue SIZE S Μ L XL XXL

OFFICIAL ARCHER SHIRTS



OFFICIAL ARCHER SHIRTS



POLO SHIRTS

GREAT WIN T-SHIRTS

BLUE FIRE T-SHIRTS



CAP 1 **CAP 2** CAP 3 CAP 4 CAP 5 COLORS Beige, Navy COLOR Blue COLOR White COLORS Blue, Black COLORS White, Black



WIN&WIN IS **PROUD OF** YOU ALL!

THEY SET NEW WORLD RECORDS with WIN&WIN BOWS

WOMEN

2001 LEE, Hyun Jung Luts Wiese CHOI, Nam Ok CHUNG, Soo young JUNG, Chang sook

IM. Dong Hyun

328pts (Cardet 50M) 1382pts (345/ 343/ 340/ 354) 336pts (Junior 36 arrows 380pts (343/ 342/ 341/ 354)

2014

Archery World Cup 2014 Stage 3 Archery World Cup 2014 Stage 1

2013

World outdoor championships Indoor Archery World Cup final European Grand Prix 1st stage World Cup stage 3 World Cup Stage 4 Asian Archery Championships First Asian Grand Prix

2012

OLYMPIC GAMES 2012(Team Women) OLYMPIC GAMES 2012(Individual Women) Archery World Cup Final(Individual Women) Archery World Cup Stage 3(Team Women) Archery World Cup Stage 3(Team Women) Archery World Cup Stage 2(Team Men) Archery World Cup Stage 2(Team Men) Archery World Cup Stage 1(Team Women) Archery World Cup Stage 1(Individual Women) 1st Asian Grand Prix(Individual Women)

2011

World Cup Indoor Challenge in Las Vegas, USA Asian Grand Prix in Bangkok, Thailand Asian Grand Prix in Bangkok, Thailand European Indoor Championships in Cambrils, Spain GB National stage 1, Great Britian World Archery Championships in Torino, Italy World Cup stage 4 in Shanghai, China

2010

Youth Olympic Games World Cup 2nd Series World Cup 3rd Series World Cup 4th Series 8th World University Archery Championships 2010 World Archery Field Championships European Indoor Championships The South Amercian Games 2010 World Archery European Target Outdoor Championships

2009

Archery World Cup Stage 2

LEE Seungyun(KR) / men Celine Schobinger(FR) / women JEON Sung Eun(KR) / women GAEL Prevost(FR) / men XiaoXiang Dai(CN) / men Takaharu FURUKAWA(JP) / men Takaharu FURUKAWA(JP) / men

KI, Bo Bae / women STEPANOVA Inna / women GODFREY Laurence / men WILLS Alan / men KI, Bo Bae / women HAYAKAWA Ren / women

Louise Klinge LAURSEN / women Tatyana BORODAY / women Larry Godfrey / men VAN LAMOEN Denisse Astrid / women Inna STEPANOVA / women

KWAK, Ye Ji / women JING Xiangqing / men KIM Moonjung / women IM Dong-Hyun / men JO Eun Ae / women WILLS Alan / men GOBBELS Zoe / junior women SANCHEZ Natalia / women **GIROUILLE Romain / men**

KUO Cheng Wei / men

MEN

7th World University Archery Championships

2007

2006

9th European Annual Indoor Event in Nimes, France

20th Field Archery World Championships 9th Junior Archery World Outdoor Championships 6th World University Archery Championships

43rd Outdoor Target Archery World Championships 5th World University Archery Championships in Izmir IPC World Archery Championships

European Junior Championships, Denmark

2004

8th World Junior Archery Championships, England 5th World University Archery Championships, Madrid

4th World Universidy Archery Championships

2002

Field Archery World Championships

2000

Junior World Championships

1999

1998

MOSPINEK Justyna / women LEF, Hwa Sook / women-standing

UNRUH, Lisa / women WANG, Cheng Pang / men LEE, Hong Gu / men W2

LEBECQUE Pascale / junior women TONELLI Amedeo / men FRANGILLI Michele / men TAGUMA Kiroko / women

CHUNG, Jae hun / men KUO, Chen wei / men LEE, Hwa sook / standing class women LEE, Hong gu / W2 class men TONETTA Elena / women FRANGILLI Carla / women TONETTA Elena / women

JO, Eun ji / women LEE, Hyung jung / women

YUN, Mi jin / women

FRANGILLI Michele / men

YUN, Mi-jin / women CHOI, Nam ok / women

KIM, Nam soon / women OH, Jin hyuk / men



CHRISTIAN WEISS GERMANY



VANESSA LEE CANADA



JAYANTA TALUKDAR



HAMILTON NGUYEN Canada



LAURIE LECOINTRE FRANCE



DAI XIAOXIANG China



WIN&WIN ARCHERY ATHLETES











MARCO GALIAZZO ITAI Y

JEFF HENCKELS LUXEMBURG

Ryan Tyack Australia

KU BONCHAN KOREA

ALAN WILLS **GREAT BRITAIN** **ROMAIN GIROUILLE** FRANCE



JESHER APPELS NETHERLANDS

Dola Banerjee India

FANG YU TING China

KUO CHENG-WEI Chinese Taipei

NOÉMIE BRIANNE France



ANA UMER Slovenia



CONNER SORLEY

CANADA



IAPAN

YUKI HAYASHI



JUUSO HUHTALA FINI AND

JAPAN

MATT ZUMBO USA



GEORCY-STÉPHANIE THIFFEAULT Picard / Canada



TAYLOR WORTH Australia







TAKAHARU FURUKAWA Japan



DAN OLARU

MOI DOVIA

CHANG HYE JIN KOREA

CÉLINE SCHOBINGER SWITZERLAND

JUAN RODRIGUEZ

SPAIN



BECKY MARTIN GREAT BRITAIN

IRIA GRANDAL GARCIA Spain



LUCAS DANIEL FRANCE



XU JING China

NAOMI FOLKARD Great Britain

MIRENE ETXEBERRIA FERRER Spain

LAURA RUGGIERI

FRANCE

LARRY GODFREY GREAT BRITAIN

NATHAN YAMAGUCHI USA

MATHIEU JIMENEZ FRANCE

KIM YU MI Korea



