

WIAWIS IS A Product brand of win&win

WIAWIS stands for "Winning Action, Winning Spirit". It represents the unwavering action and spirit for victory. As a name well suited to the philosophy of WIN&WIN, WIAWIS products are high-end archery bows and they are our representative products of WIN&WIN.















The story of Win&Win Archery is the story of professional archers who gambled everything to follow their passion.

In 1993 WIN&WIN Co. was established by Mr. Park Kyung Rae and the people who used to be in national archery team. Prior to that, the Korean Archery National Team was seated among the middle world archery ranks in the early 1980s. Mr. Park worked to bring the Korean Archery Team to where it is today; the best archery program in the world. He led Korea to success with their first gold medal at the World Championships in 1985 and with the gold medals at the Olympic in 1988 and at the World Championships in 1991.

WIAWIS PHILOSOPHY : Quality Differentiation

Based on its expertise in archery, WIN&WIN has devoted its passion and efforts to making the best bows in the world by actively investing in advanced technology. In 2002, Yamaha archery technology and equipment were introduced to further enhance its technology and know-how. Thus, WIN&WIN has become the top brand in the world as a majority of the athletes from the Olympics and the World Championships are using the WIAWIS Bow from Win-Win. At the Rio Olympic Games in 2016, WIAWIS Bow has achieved a gold medal in all categories.



WAM TECHNOLOGY : UNIQUE MATERIALS

The best high-tech materials are developed and used by WIAWIS as its own unique technology to optimize bow performance.

Maximizing properties of carbon with applying a high tech nano graphene

GRAPHENE NANO CARBON TECH

Graphene is the material to have won the Nobel Prize and is referred 'the material of dreams'. It is lighter than wood, stronger than diamond as well as the smallest material that mankind has ever discovered. Based on the development of these graphene-applied carbon prepreg,

WIAWIS was able to develop stronger, more accurate and more durable bows by maximizing the performance of the carbon.

Application of Counter Veil System

A special material laminated in the limb base, Counter veil system efficiently absorbs the shock and vibration in shooting. It reduces unnecessary movement and improves bow accuracy.

Self-development and production of materials optimized a bow

The quality of carbon prepreg has a direct affect on bow performance. WIAWIS carried out detailed studies on various factors that would affect bow performance, such as: accuracy; rigidity; rebound force (modulus); durability; shock; vibration absorption etc. The studies enabled development of high quality nano carbon prepreg, designed and optimized specifically for the bow. It is used today in the manufacturer production of our bows.



FOAM CORE affecting on bow performance

The lighter and stronger special foam core developed with WIAWIS' own technology not only increases arrow speed but also decreases bow torsion of about 40 percent compared to other foam cores. Also,its superior performance to absorb impact and vibration reduces unnecessary movement of the bow at the moment of shooting and improves its accuracy.





Mixture of raw materials

Molding and hardening



Cutting in width 45mm and sanding

WIAWIS TECHNOLOGY : ANALYSIS & DESIGN

reddot design award



WIAWIS bows are planned and designed efficiently by a group of top design experts who have won the Reddot Design Award.

The WIAWIS bows are developed with the best expertise and efficient design through scientific analysis by a group of archery experts



The elements that directly affect the performance of the bow, that is, center-shot, torsion of limbs & a riser, shock absorption, vibration reduction, bow torque, as well as shooting feeling are analyzed scientifically and designed by a group of archery experts.



Our expert designers have more than 20 years of knowledge for production/manufacture of WIAWIS bows, as well as experience and know-how as professional archers. WIAWIS bows are created by the best experts from the design to the production of WIAWIS products.





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ACCESSORIES

APPAREL

WIN&WIN's carbon technology is excellent at absorbing shock and minimizing unnecessary movement to make shooting more accurate and stable. Better, faster, stronger!







WIAWIS RISER

CARBON RISER

META DX RADICAL PRO TFT-G INNO CXT CX7

ALUMINUM RISER

ATF-X WINEX

ARCHERY COLLECTION

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CARBON RISER

ALUMINUM RISER



META DX TECHNOLOGY

NOBEL PRIZE-WINNING GRAPHENE

META riser is made of graphene carbon which is the best carbon material of WIAWIS. It improves the shock resistance caused by shooting and therefore minimises unnecessary movement, resulting in improved arrow grouping.



BETTER TORQUE FREE CONSTRUCTION

In addition, Special Steel has been inserted to assist in the reduction of vibration and torsion caused when force is transferred from the bow limbs. The Mathews[®] EHS[™] dampening system has been introduced to improve stability of the shoot feeling, accuracy of the bow and ultimately arrow grouping.

ADVANCED STRUCTURAL DESIGN

The latest riser has been designed to reduce the shock and vibration after shooting more effectively. The structural design is more dynamic and aesthetically pleasing than previous design products.





2021 NEW **META DX**

META DX features are functionally upgraded with groundbreaking structural design. The special design of the META DX riser adapts materials developed by WIAWIS technology maximising accuracy and stability at the moment of shooting.

TECHNICAL SPECIFICATIONS

LENGTH	25 inches
WEIGHT	1340g
TYPE	RH / LH
MATERIAL	Graphene / Nano Carbon

MATHEWS® EHS™ HARMONIC DAMPER MATHEWS® HARMONIC DAMPER

COLORS



REMINGTON RED COBALT COST BI ACK







RADICAL PRO TECHNOLOGY

SPECIALLY DESIGNED CENTER SUSPENSION OF RADICAL PRO

The Radical Pro riser has been designed like no other riser specifically to reduce vibration and bow torque when shooting. Unlike a dampener that absorbs vibration after shooting but has no effect on bow torque at the moment of shooting. Ultimately this assists to better arrow grouping by drastically reducing bow torque.

Radical Pro riser shows improved properties on vibration absorption at the same 44lbs limbs set-up.

HERE'S THE RADICAL PRO NANO CARBON RISER

We use nano carbon applied graphene on both the riser and the limbs.



WEIG	HT					
Light						Heener
						Heavy
S.V (SI	nock, Vibr	ration)		 		
Less						Much
	Center of	Gravity)				
High						Low
•						2011
LEVE			 	 		
Expert	S				Be	eginner



RADICAL PRO

HIGHEST SHOCK ABSORPTION

RADICAL PRO riser is made by nano carbon technology applying the innovative material of graphene. Its Center Suspension improves rigidity and durability while effectively controlling shooting shock and minimizing bow torque. Also, a specially designed Sound Amplification board for the clicker provides clear sound in 3000~6000Hz that is the most audible frequency to the archer and making clicker timing regular. This will enhance better arrow grouping.

TECHNICAL SPECIFICATIONS

LENGTH	25 inches
WEIGHT	1300g
TYPE	RH / LH
MATERIAL	Graphene / Nano Carbon

COLORS







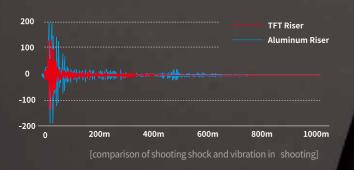
TFT-G TECHNOLOGY

GRAPHENE DAMPER

Made of nano graphene prepreg dispersed in high molecular epoxy to absorb shooting shock and vibration to assist with stabilizing the shot.

GRAPHENE PREPREG

The TFT-G handle, which has high stiffness and durability due to using nano graphene prepreg, is the world's first handle to improve the overall balance. This improves grouping and reduces bow torque by more than two times compared to ordinary aluminum handles.



WEIGHT	
Light	Heavy
S.V (Shock, Vibration)	
Less	Much
COG (Center of Gravity)	
High	Low
LEVEL	
Experts	Beginner



CELES COL

TFT-G

GRAPHENE MAXIMIZING SHOCK-RESISTANCE AND VIBRATION DAMPING

TFT-G riser is made of cutting-edge carbon molding technology using graphene carbon materials. In the sight-window area of the riser special steel machined in the form of H-beam has been used to improve strength and rigidity in the most vulnerable part of the riser. The H-beam minimizes the torque caused by the difference between the upper and lower balance/configuration of the riser, which will enhance arrow grouping.

In addition, the special graphene damper on the center of the riser is designed to minimize shock vibration and error during the shot which make the archer's sense of shooting maximized.

TECHNICAL SPECIFICATIONS

LENGTH	25 inches
WEIGHT	1320 g
TYPE	RH / LH
MATERIAL	Graphene / Nano Carbon

COLORS







INNO CXT

UNIQUE DESIGN OPTIMISING CARBON

The CXT riser has been in production for many years and has been a very popular riser winning medals at all levels.

TECHNICAL SPECIFICATIONS

LENGTH	23 inches	25 inches	27 inches		
WEIGHT	1120g (LIGHT:1070g)	1200g (LIGHT:1150g)	1260g (LIGHT:1210g)		
TYPE	RH	RH / LH	RH		
MATERIAL	Nano Carbon				

WEIGHT

Light		Heavy
S.V (Shock, Vibration)		
Less		Much
COG (Center of Gravity)		
High		Low
LEVEL		
Experts		Beginner

COLORS

INNO CXT / CARBON RISER



/WHITE

/WHITE

METAL BRONZE COSMO GRAY BRILLIANT RED BRILLIANT BLUE /BLACK /BLACK

ø Weight Control System + * 4 flat weights are included (1 flat weight: 25g) TILLER BOLT SIZE 12 mm GRIP COMPATIBILITY 7

CX7

BEST-IN-CLASS PERFORMANCE

The CX7 riser is designed and manufactured with carbon prepreg where carbon fiber is distributed evenly in all directions. The rigid design emphasizes the features of the stable carbon material riser to minimize shooting errors.

TECHNICAL SPECIFICATIONS

LENGTH	25 inches
WEIGHT	1300g
TYPE	RH / LH
MATERIAL	Carbon Composite

WEIGHT

WEIGHT			 	
Light				Heavy
S.V (Shock, Vil	bration)			
Less				Much
COG (Center o	of Gravity)		 	
High				Low
LEVEL				
Experts				Beginner

COLORS





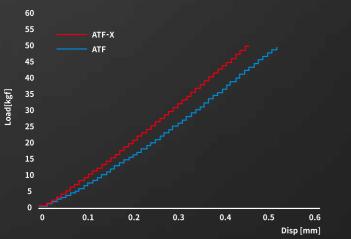
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ATF-X TECHNOLOGY

ATF-X FEATURES

To enhance the features of the aluminum riser while maintaining the same net weight as the ATF riser, it efficiently improved stiffness and anti-twisting so that it is more stable shooting with less vibration and reduced bow torque.

When shooting with ATF and ATF-X risers on the same 44lb limbs, ATF-X riser is less vibration than ATF riser.



WEIG	HT					
Light				 		Heavy
S.V (St	10ck, Vibi	ration)				
Less						Much
COG (Center of	Gravity)				
High						Low
LEVE						
Experts	S				B	eginner



ATF-X

ANTI-TORSIONAL DESIGN TO MAKE SHOOTING STABLE

ATF-X is a reinforced model of the ATF riser which was used by top world class athletes. Through the balance of the riser design, ATF-X makes the shooting feel more powerful. Anti-torsional 45-degree cross design.

TECHNICAL SPECIFICATIONS

LENGTH	25 inches, 27 inches
WEIGHT	1280g , 1350g
TYPE	RH / LH
MATERIAL	Aluminum / CNC machining

COLORS









TILLER BOLT SIZE 13 mm

GRIP COMPATIBILITY



WINEX

THE IDEAL BOW FOR SERIOUS SHOOTING

WINEX riser is a long-running riser which is designed to be faithful to the most basic role of the riser. Several new designs have been introduced and have been loved by many archers.

TECHNICAL SPECIFICATIONS

LENGTH	23 inches	25 inches		
WEIGHT	1080g	1140g		
TYPE	RH RH / LH			
MATERIAL	Aluminum			

WEIGHT

Light				Heavy
S.V (Shock, Vibration)				
Less				Much
COG (Center of Gravity)		 		
High				Low
LEVEL				
Experts			Be	eginner

COLORS

WINEX / ALUMINIUM RISER







DVATIVE WIAWIS

WIAWIS's technology through differentiated materials, design and manufacturing skills with serious quality control is leading the world in bow innovation.



ARCHERY COLLECTION

REAL SMOOTHNESS, REAL STABILITY



MOST POWERFULNESS, MOST ACCURACY



NS-G FOAM

MXT-10 FOAM **MXT-10 W00D** MXT-GF MST-GW NS-G FOAM NS-G WOOD CX7 WINEX





MXT-10 TECHNOLOGY FLEXIBILITY STABILITY

REAL SMOOTHNESS

MXT-10 limbs give a smoother shooting feeling without compromising strength and fexibility.

VIBRATION REDUCTION EFFECT

MXT-10 limbs show a very definite shock absorption and vibration reduction effect at the moment of shooting compared with present MXT limbs in the same specification.

The active dampening effect direct from the limbs, without separate dampeners, reduces bow torque at the moment of shooting. This allows accurate and stable shooting to improve efficiency in shooting.

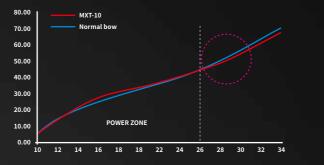
MOST STABILITY

MXT-10 limbs were developed to drastically reduce unnecessary movement at the moment of shooting while maintaining the smoothness when drawing.

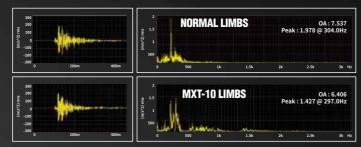
When shooting, the vibration of each part of the limbs is reduced most efficiently, making the limbs' movement stable.







* Smoothness is shown by the two points on the graph.





MXT-10 foam core limbs are smoother when drawing using state-of-the-art material, Graphene. Also, they were designed with a pattern developed with WIAWIS' own know-how to enhance the stability and accuracy of the overall limbs.

TECHNICAL SPECIFICATIONS

LENGTH	Short, Medium, Long
WEIGHT	28 to 48 lbs (2 lbs increment)
MATERIAL	Graphene Foam Core / High Modulus Carbon

SPEED			 		
High					Low
SMOOTHNE	SS		 		
Smooth					Hard
S.V (Shock, Vibr	ation)				
Less					Much
LEVEL					
Experts				В	eginner

2021 NEW

MXT-10 wood

MXT-10 wood core limbs are designed to be optimized for archer's shooting feeling with using selected top quality wood.

TECHNICAL SPECIFICATIONS

LENGTH	Short, Medium, Long
WEIGHT	28 to 48 lbs (2 lbs increment)
MATERIAL	Wood Core / High Modulus Carbon

SPEED			 	_
High				Low
SMOOTHNE	SS		 	
Smooth				Hard
S.V (Shock, Vib	ration)	 	 	
Less				Much
LEVEL				
Experts			В	eginner



MXT-10 / LIMBS



MXT TECHNOLOGY /////showings

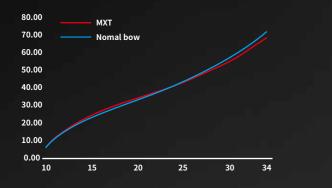


MXT-G LIMBS ARE NEW PRODUCT MODELS

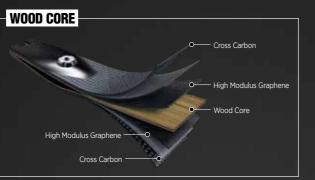
MXT-G limbs are new product models made with emphasis on smoothness by adapting High Impact Strength Countervail technology. High tensile carbon fiber is used on all sides of the limbs to minimize excessive vibration and bow torque.

REAL SMOOTHNESS

MXT-G limbs give a smoother shooting feeling without compromising strength and fexibility.









MXT-GF

MXT-GF uses a special GRAPHENE FOAM CORE aimed at archers who prefer stable shots that maintain power and speed while keeping smoothness of shooting during entire shot.

TECHNICAL SPECIFICATIONS

LENGTH	Short, Medi	um, Long		
WEIGHT	28 to 48 lbs	28 to 48 lbs (2 lbs increment)		
MATERIAL	Graphene F	oam Core /	High Modulus C	arbon
SPEED				
High			Low	
SMOOTHNESS				
Smooth			Hard	
S.V (Shock, Vibration)				
Less			Much	
LEVEL				
Experts			Beginner	

MXT-GW

MXT-GW is recommended for shooters seeking powerful shooting that enhances durability and elasticity of the limbs and the individual sense of drawing/shooting created by using selected high-end wooden materials and special nano carbon resin.

TECHNICAL SPECIFICATIONS

LENGTH	Short, Medium, Long
WEIGHT	28 to 48 lbs (2 lbs increment)
MATERIAL	Wood Core / High Modulus Carbon

SPEED High Lov **SMOOTHNESS** Hard Smooth S.V (Shock, Vibration) | ess Much LEVEL Experts Beginner



NS-G TECHNOLOGY //SIJE ACCURACY

Graphene Limb Base

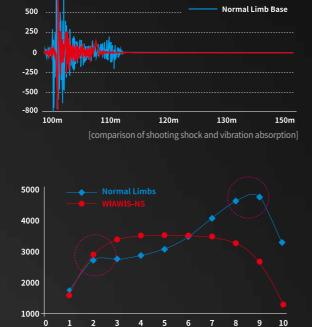
GRAPHENE LIMB BASE

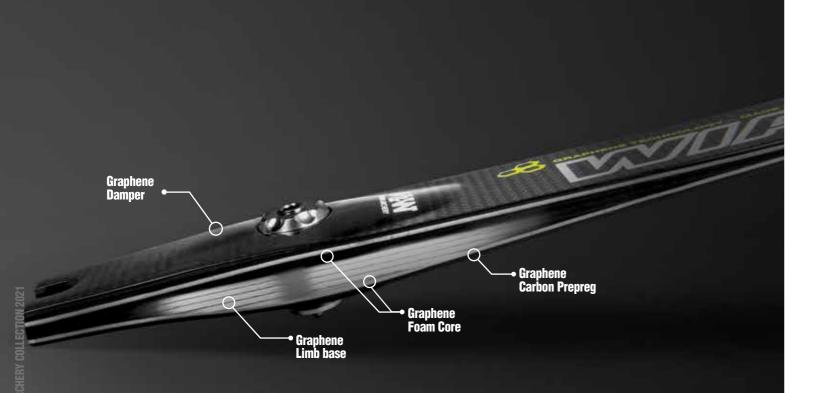
The WIAWIS NS-G limb uses a limb base made of graphene prepreg-dispersed in a high molecular epoxy which has been shown to absorb shock and vibration more efficiently, and help stabilize limb movement af-ter shooting. This new concept of limb construction was solely developed and used by WIN&WIN.

STRAIN-BALANCE TECHNOLOGY

WIN&WIN has enhanced the WIAWIS NS-G limbs in both power and stability by applying Strain-Bal-ance technology. The result of years of research, Strain-Balance technology helps WIN&WIN find the optimal limb flex profile through analyzing the relationship between stability and speed according to the limb flex. The NS-G limbs feature enhanced smoothness while drawing without compromising the arrow speed and accuracy which WIN&WIN is known for.

WIAWIS NS-G limbs employ graphene technology to offer shorter and narrower string movement than any other limbs and provide the most efficient energy transfer. This performance creates better arrow grouping with forgiveness.





800

NS-G FOAM

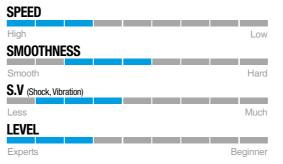
The NS-G is very first limb in the world that uses innovative graphene materials for archery equipment.

It also adds a function that minimizes the impact that occurs when shooting in the bottom core part of the limbs. It minimizes bow torque that directly affects the arrow light.

Softer, but more advanced competition limbs that used graphene on foam cores to ensure that the arrows don't lose speed and light stability.

TECHNICAL SPECIFICATIONS

LENGTH	Short, Medium, Long
WEIGHT	28 to 48 lbs (2 lbs increment)
MATERIAL	Graphene Foam Core & Graphene Limb base / High Modulus Carbon



2021 NEW



NS-G WOOD enables stable drawing and fast, sophisticated shooting, which improves shooting moment accuracy and arrow concentration.

TECHNICAL SPECIFICATIONS

LENGTH	Short, Medium, Lor	ng		
WEIGHT	28 to 48 lbs (2 lbs i	28 to 48 lbs (2 lbs increment)		
MATERIAL	Wood Core & Graphene Limb base / High Modulus Carbon			
SPEED				
High		Low		
SMOOTHNESS				
Smooth		Hard		
S.V (Shock, Vibration)				
Less		Much		
LEVEL				
Experts		Beginner		



NS-G / LIMBS



CX7

Made of INNO EX POWER's equivalent materials, CX7 is a limb that enables you to feel WIN&WIN's technology more easily with cost effectiveness.

CX7 limb is an introductory limb that lets you feel the difference about high-end archery equipment.

TECHNICAL SPECIFICATIONS

LENGTH	Short, Medium, Long
WEIGHT	28 to 48 lbs (2 lbs increment)
MATERIAL	Nano Foam Core/ High Modulus Carbon
FINISH	Matt

SPEED

High		Low
SMOOTHNESS		
Smooth		Hard
S.V (Shock, Vibration)		
Less		Much
LEVEL	 	
Experts		Beginner

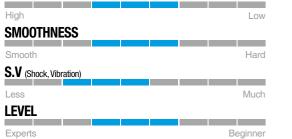
WINEX

The WINEX limb has been continuously developed with the WIN&WIN's limb manufacturing process that is improved and refined over time based on WIN&WIN's traditional limb making technology.

TECHNICAL SPECIFICATIONS

LENGTH	Short, Medium, Long
WEIGHT	28 to 48 lbs (2 lbs increment)
MATERIAL	Royal Cross Carbon

SPEED





WIAWIS BOW SPECIFICATIONS

RISER TECHNICAL SPECIFICATIONS

RISER	LENGTH	MASS WEIGHT	TYPE	MATERIAL
META DX	25 inch	1300 g	RH/LH	Graphene / Nano Carbon
RADICAL PRO	25 inch	1300 g	RH/LH	Graphene / Nano Carbon
TFT-G	25 inch	1320 g	RH/LH	Graphene / Nano Carbon
	23 inch	1120 g	RH	
INNO CXT	25 inch	1200 g	RH/LH	Nano Carbon
	27 inch	1260 g	RH	
CX7	25 inch	1250 g	RH/LH	Carbon Composite
ATF-X	25 inch	1280 g	BH/LH	Aluminum / CNC Machining
AIF-X	27 inch	1350 g	Rn/Ln	Aluminum / CNC Machining
WINEX	23 inch	1190 g	RH	Aluminum / CNC Machining
WINEX	25 inch	1250 g	RH/LH	Aluminum / CNC Machining

LIMBS TECHNICAL SPECIFICATIONS

LIMBS	LENGTH	TYPE	MATERIAL
MXT-10 FOAM CORE	Short, Medium, Long	28~48 lbs	Graphene Foam Core & Graphene Limb base / High Modulus Carbon
MXT-10 WOOD CORE	Short, Medium, Long	28~48 lbs	Wood Core & Graphene Limb base / High Modulus Carbon
MXT-GF	Short, Medium, Long	28~48 lbs	Graphene Foam Core & Graphene Limb base / High Modulus Carbon
MXT-GW	Short, Medium, Long	28~48 lbs	Wood Core & Graphene Limb base / High Modulus Carbon
NS-G FOAM CORE	Short, Medium, Long	28~48 lbs	Graphene Foam Core / High Modulus Carbon
NS-G WOOD CORE	Short, Medium, Long	28~48 lbs	Wood Core / High Modulus Carbon
CX7	Short, Medium, Long	28~48 lbs	Nano Foam Core / High Modulus Carbon
WINEX	Short, Medium, Long	28~48 lbs	FoamCore / Royal Cross Carbon

GRIP COMPATIBILITY

•		4		5	6		7.	СТК	CIK	CTK -H
ł	Standard Wood	Standard Plastic	Standard Wood	Standard Plastic	High Plastic	High Wood	Standard Plastic	CTK II Wood	CTK III Wood	CTK-H Wood
	0	0	0	0	0	0	•	0	0	0
	0	0	0	0	0	0	٠	0	0	0
	0	0	0	0	0	0	•	0	0	0
	0	0	0	0	0	0	•	0	0	0
	0	0	0	0	0	0	•	0	0	0
	0	0	0	0	0	0	•	0	0	0
	0	0	0	0	0	0	•	0	0	0

1.		4		5	6		7.	СТК ■	CIK	CTK -H
Standard Plastic	Standard Wood	Standard Plastic	Standard Wood	Standard Plastic	High Plastic	High Wood	Standard Plastic	CTK II Wood	CTK III Wood	CTK-H Wood
0	0	0	0	0	0	0	•	0	0	0
0	0	0	0	0	0	0	•	0	0	0
0	0	0	0	0	0	0	•	0	0	0
0	0	0	0	0	0	0	•	0	0	0
0	0	0	0	0	0	0	•	0	0	0
0	0	0	0	0	0	0	•	0	0	0
0	0	0	0	0	0	0	•	0	0	0

	1	1			5	6		7	стк Ш	СТК	CTK -H •
	Standard Plastic	Standard Wood	Standard Plastic	Standard Wood	Standard Plastic	High Plastic	High Wood	Standard Plastic	CTK II Wood	CTK III Wood	CTK-H Wood
META DX	0	0	0	0	0	0	0	•	0	0	0
RADICAL PRO	0	0	0	0	0	0	0	•	0	0	0
TFT-G	0	0	0	0	0	0	0	•	0	0	0
INNO CXT, CXT LIGHT	0	0	0	0	0	0	0	•	0	0	0
CX7	0	0	0	0	0	0	0	•	0	0	0
ATF-X	0	0	0	0	0	0	0	•	0	0	0
WINEX	0	0	0	0	0	0	0	•	0	0	0

 $* \bullet$ = standard grip to be set in the factory / \bigcirc = available

* Wooden grip in same group from 1 to 6 is marked 'high' on the basis of standard grip at the factory.



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WIAWIS **ACCESSORIES**

ARCHERY COLLECTION





WS 600





GRAPHENE FOAM CORE

WS700 is WIN&WIN's brand new precision-machined competition sight, the evolution of the WS600 series. 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.

Graphene exclusive technology inside its carbon extension bar protects the WS700 from damaging vibration that travels through a bow when it is shot. It also keeps weight to a minimum and prevents torque during shooting.

TECHNICAL SPECIFICATIONS

TYPE	RH / LH
WEIGHT	207g









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.



TECHNICAL SPECIFICATIONS

TYPE	RH / LH
WEIGHT	221g





The design of the ACS-EL stabilizer maximizes the performance by effectively minimizing bow torque, shock absorption and vibration characteristics



TECHNICAL SPECIFICATIONS

LONG ROD LENGTH	26 inches (165g) 30 inches (171g)	28 inches (168g) 32 inches (176g)
SHORT ROD LENGTH	10 inches (74g) 12 inches (80g) 15 inches (86g)	11 inches (77g) 14 inches (84g)
EXTENDER LENGTH	3 inches (55g) 5 inches (65g)	4 inches (60g) 6 inches (70g)



WIAWIS STABILIZER

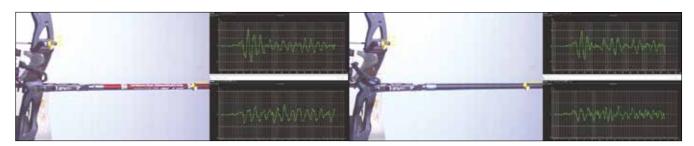
Stabilizers require to be strong and rigid to suppress bow torque during shooting. They have been designed and manufactured to effectively reduce the impact and vibration generated during shooting.

The ACS-EL stabilizer uses high-tech materials such as graphene carbon to improves stiffness and stability.

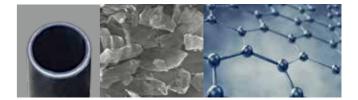
The design is also maximises performance through WIAWIS's unique carbon pattern tapered structure design.



[Structure of WIAWIS ACS EL stabilizer]





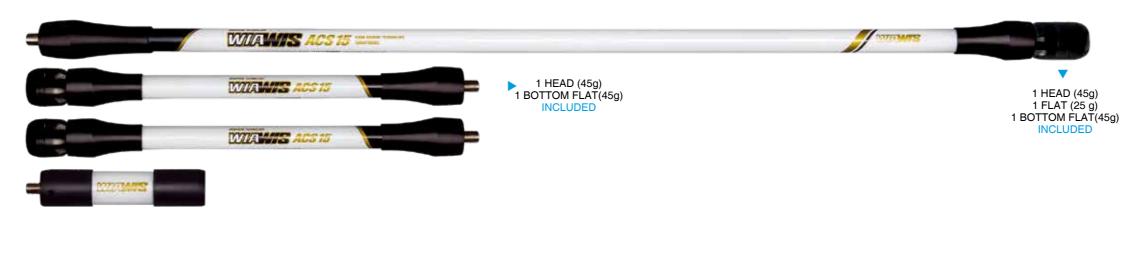


- high Modulus carbon application
- effective stiffness and tapered structure for better shock and vibration absorption
- optimized mass weight

When using the WIAWIS ACS EL stabilizers on a bow, the riser movement becomes better balanced and more stable.



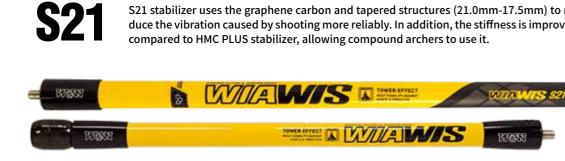
The ACS 15 is a 15 \oslash diameter, thin but weighty stabilizer with excellent shock resistance, vibration reduction, and stability, which effectively reduces the vibration and impact of shooting and improves the feeling of the shot. It has been designed not only for recurve shooters, but also for the compund market.



1 HEAD (45g) 1 BOTTOM FLAT(45g)

INCLUDED

ACCESSORIES



S21 stabilizer uses the graphene carbon and tapered structures (21.0mm-17.5mm) to re-

duce the vibration caused by shooting more reliably. In addition, the stiffness is improved

MULANS



REASIN

READY

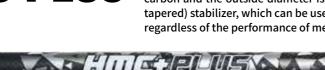
HMC PLUS

HMC PLUS stabilizer is a best-selling product over a long period of time at WIN AND WIND Co., Ltd. It is made of High Modulus carbon and the outside diameter is 18.5 mm straight (internal tapered) stabilizer, which can be used in all weather conditions regardless of the performance of men and women.

BERSON

1 HEAD (45g) 1 FLAT(45g)

INCLUDED







=

TECHNICAL SPECIFICATIONS

1

.....

LONG ROD LENGTH	26 inches (200g) 30 inches (220g)	28 inches (210g) 32 inches (230g)
10 inches (109g) SHORT ROD LENGTH 12 inches (115g) 15 inches (125g)		11 inches (112g) 14 inches (124g)
EXTENDER LENGTH	3 inches (65g) 5 inches (90g)	4 inches (80g) 6 inches (100g)
WITAWITS ACS	15 Mar (1999)	WHITE GOLD
CUTE WAS ACS	15 1000	BLACK GOLD
	And the second sec	CARBON BLACK
	Ter-	INDIGO BLUE
		BURGUNDY RED
	Alla-	GRAPHITE SILVER

TECHNICAL SPECIFICATIONS

LONG ROD LENGTH	26 inches (140g) 30 inches (155g)	28 inches (150g) 32 inches (160g)
SHORT ROD LENGTH	10 inches (85g) 12 inches (95g) 15 inches (105g)	11 inches (90g) 14 inches (100g)
EXTENDER LENGTH	3 inches (60g) 5 inches (85g)	4 inches (75g) 6 inches (90g)
i Kalans 🛛		CARBON BLACK MATT
💧 13/1/A 14/15 🛛		CARBON BLACK
b Callai mis =	Manual Postor	RED
b DADAMIS =		BLUE
	These street	YELLOW

TECHNICAL SPECIFICATIONS

· • • • • • • • • • • • • • • • • • • •	(0 /
10 inches (80g) 12 inches (89g)	11 inches (84g)
3 inches (50g) 5 inches (75g)	4 inches (65g) 6 inches (80g)
CARBON B	LACK MATT
BLACK GO	LD
BLACK	
RED RED	
US BLUE	
US WHITE	
	12 inches (89g) 3 inches (50g) 5 inches (75g) CARBON E BLACK GO BLACK ELLE BLUE



UPPER STABILIZER

DAMPER



ACS CARBON UPPER STABILIZER

Carbon bar, multi damper and aluminum body-well-balanced in three parts help efficient vibration and bow torque control.

LENGTH	110 mm	WEIGHT	125 g
THREAD SIZE	5/16"-24		

COLORS









ACS UPPER STABILIZER

ACS UPSTABI dampers are outstanding at absorbing vibration and increasing dampening in a stabilization system.

LENGTH	110 mm	WEIGHT	125 g
THREAD SIZE	5/16"-24	COLORS	BLACK



BW SHORT DAMPER

ACCESSORIES

WIAWIS MULTI DAMPER

WIAWIS MULTI damper is designed to reduce vibration quickly caused by shocks during shooting and to reduce secondary vibrations after shooting from special material and strength of the damper.

It is also designed to be used with various types of bows such as up, long and short stabilizer and weight control dampers under the grip by using the screws of 1/4-20 and 5/16-24. The damper is available not only for recurve bow but also for compound bow.

LENGTH	38 mm	WEIGHT	48 g
COLORS	BLACK		

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

LENGTH	50 mm	WEIGHT	33 g
THREAD SIZE	1/4"-20	COLORS	BLACK

BW&BW SHORT DAMPER

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

LENGTH	BWD : 40mm	BWD SH	ORT : 25mm
WEIGHT	BWD : 45.5g	BWD SH	ORT : 32.5g
THREAD SIZE	1/4"-20	COLORS	BLACK

WILL WIS

WEIGHT

DISC COLOR WEIGHT

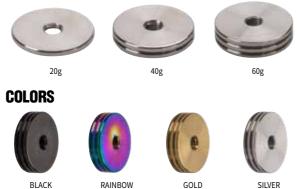
WIAWIS DISC COLOR weight products are made in three weights and four colors. It was designed to allow archers to set their own weight and color freely.

In order to apply both 1 / 4-20 and 5 / 16-24 threaded parts to the bows, Three types of screws are included below

WEIGHT - 20g / 40g / 60g

- 40mm screw	5/16-24	
- 23mm screw	5/16-24	1/4-20
- 20mm screw	5/16-24	1

WEIGHT



BOLTS

WEIGHT / TILLER ADJUSTMENT BOLT



A TYPE (TFT-G)



MATT

GLOSSY

COLOR WEIGHTS

WEIGHT - Head 40g / Flat 23g



COLORS

	0	9		9	9	9
BLACK	PINK	RED	ORANGE	GOLD	GREEN	BLUE

LIMB BOLT

WEIGHT - 2g (*original stainless steel limb bolt weighs 6grams)



B TYPE (META-DX, RADICAL PRO, ATF-X)



ΑΤΥΡΕ	B TYPE	C TYPE
Aluminum	Stainless steel	Stainless steel
13mm×1.25	13mm×1.25	12mm×1.25
34g	42g	39g
META DX RADICAL PRO ATF-X TFT-G CX7 WINEX	META DX RADICAL PRO ATF-X TFT-G CX7 WINEX	INNO CXT





BLACK



ORANGE



GOLD



GREEN





V-BAR



WIAWIS SUS V-BAR

This is a new concept of V-Bar made from strong stainless steel with enhanced design. It has a reduced mass compared to a standard V-Bar and is designed to quickly transfer the shooting shock/vibration through into the stabilization. It helps to make the shooting feel more stable.

WEIGHT	115 g	COLORS	Satin	
		40 AE degrade		

* TWO STRAIGHT ANGLES - 40, 45 degrees





WIAWIS CX-AD V-BAR

The adjustable carbon V-Bar allows the elevation angle of the short stabilizers by movement up and down. It is made from carbon fibre which makes it lighte than any other adjustable V-Bar. The vibration absorption properties are excellent which will enhace the archers concentration and feeling during shooting. It offers the adjustability to fix the short rods in any configuration possible to suit individual archer personal feeling requirements.

WEIGHT 198 g COLORS Carbon Matt or Carbon Glossy







Carbon Matt

Carbon Glossy

Carbon Gloss



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. WIAWIS S21 V-Bar is designed to absorb shock more efficiently, and increase shooting consistency by minimizing the vibration. Create your perfect stabilization system!

WEIGHT 120 g COLORS Carbon Matt or Carbon Glossy

* FOUR STRAIGHT ANGLES - 35, 40, 45 & 42 degrees







WIAWIS CX2 V-BAR

WIAWIS CX2 V-Bar is designed to absorb shock, and increase shooting consistency by minimizing the vibration that returns back into the riser.

WEIGHT 86 g COLORS Carbon Matt

* THREE STRAIGHT ANGLES - 35, 40, 45 degrees

CUSHION PLUNGER / REST

MIGHTY CUSHION PLUNGER

MIGHTY cushion plunger is designed to enhance the concentration in a optimized size, and the aluminum material offers luxurious finish and gentle button action.

MATERIAL	Stainless steel	WEIGHT	43 g
THREAD SIZE	5/16"-24	COLORS	Black, Silver
ADJUSTABLE min 24.0mm – max 29.0m LENGTH min 17.5mm – max 24.0m			1 1 /

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.

WEIGHT	29.5g	THREAD SIZE 5/16"-24
COLORS Black, Red, Blue, Silver		Silver
ADJUSTABLE min 24.0mm – max 29.0mm (29mm LENGTH min 17.5mm – max 24.0mm (24mm		(1 1)

WMR200 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.

YVIIA WISS

CLICKER









ARC CLICKER

In existing ACS clickers, we reinforced the blade to have an arch shape allowing an arrow to be placed in the clicker without using a finger.



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.

SIZES 6-32, 4-40 or M4 MATERIAL Carbon

ACS CLICKER

The sleekly-shaped plate with a metal cap gives you a crystal-clear 'click' sound, with easier and more precise adjustment than before.

SIZES 6-32, 4-40 or M4 MATERIAL Carbon

COLORS



COLOR CLICKER

As precisely machined stainless steel clicker, it provides accurate and stable timing when aiming. In addition, the tightening part of the clicker is ergonomically designed by allowing easy adjustment of the upper and lower and the front and the rear positions of the clicker by simple locking and looseing.

SIZES 6-32, 4-40 or M4 MATERIAL Stainless steel

BLADE COLORS Black, Rainbow, Gold, Silver

CAP&WHEEL COLORS Black or Clear

FINGER TAB

EZ FINGER TAB

The 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.

TYPE	RH/LH	SIZE	XSmall, Small, Medium, Large

※ CORDOVAN LEATHER SOLD SEPARATELY



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 brings dynamic control over the WIAWIS EZ R finger tab. It is possible to control factors such as hand shape, the force being 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	SIZE	XSmall, Small, Medium, Large
------	-------	------	------------------------------

※ CORDOVAN LEATHER SOLD SEPARATELY



360 CORDOVAN FINGER TAB

360 Cordovan finger tab has long been loved by many archers for many year. The 360 finger tab is designed using cordovan leather, exchangeable with archers' comfort in mind.

TYPE	RH/LH	SIZE	Small, Medium, Large	
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ACCESSORIES



FINNO CHEST GUARD

Ergonomically designed to sit securely and consistently on the shoulder and around the chest shot after shot, FIN-NO Chest Guard was designed by archers for archers!



AT-100 ARM GUARD

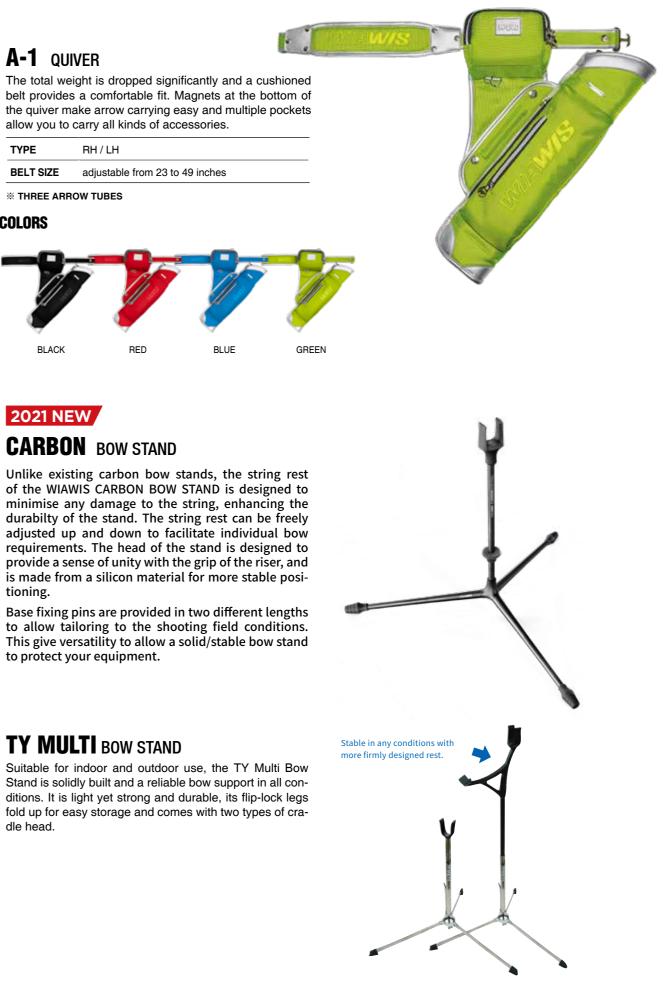
AT-100 Arm Guard has a skeleton-like structure with all the unnecessary parts cut out, making it extremely light and comfortable to wear. Its smooth outer surface creates less friction when impacted by the string.

COLORS



TYPE	RH / LH	
BELT SIZE	adjustable from 23 to 49 inches	
* THREE ARROW TUBES		

COLORS



ACCESSORIES

WILL WIS

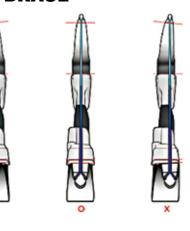
53

TY MULTI BOW STAND



Check the center-shot at set-up and full draw of the bow

TW-BRACE



The best way to check the alignment of the limbs along with your handle is when the bow is put at full draw. We have created the best tool to achieve it! The Wiawis TW-BRACE allows a safe setup of your bow.

※ CAUTION : Do not draw over 29"(marked red dot) or

the TW-BRACE could collapse.

WIAWIS SPANNER WRENCH

This tool is designed to help effectively tighten or loosen the WIAWIS stabilizers. 5mm and 4mm Allen wrenches are included in this spanner, replacing your existing tools. Simply carry this one tool for all your stabilizer needs. WIAWIS SPANNER Wrench can also be used for non-WIN&WIN products as long as there is a hole in the endcap of the stabilizer.

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 guantities.

1000

ABS BOW CASE

Protecting archery equipment is essential, and that is 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- 830x330x205 (mm) OUTER - 878x348x219 (mm)

COLORS Black, Silver



SCAPOWER 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!

BALL STRETCH BAND

Used as an exercise tool, WIAWIS BALL Stretch Band will increase archer's strength & flexibility. The archer's posture and technique will be improved with this.

COLORS Black, Red, Blue, Yellow







300g











WIAWIS APPAREL

ARCHERY COLLECTION





2015 OFFICIAL ARCHER SHIRT

Small, Medium, Large, XLarge, XXLarge

RED





COLOR	SKY BLUE	
SIZE	Small, Medium, Large, XLarge, XXLarge	



2017 OFFICIAL ARCHER SHIRT

COLOR	BLACK PINK	
SIZE	Small, Medium, Large, XLarge, XXLarge	

WIAWIS UMBRELLA



UMBRELLA





FRONT

2016 OFFICIAL ARCHER SHIRT

COLOR	YELLOW	
SIZE	Small, Medium, Large, XLarge, XXLarge	



2017 OFFICIAL ARCHER SHIRT

COLOR PINK

SIZE Small, Medium, Large, XLarge, XXLarge



COLOR

SIZE



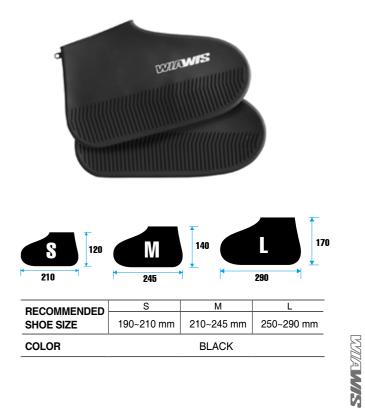
FRONT

2018 WIAWIS T-SHIRT

COLOR SIZE BLACK

Small, Medium, Large, XLarge, XXLarge

SHOE COVER



BALL CAPS



CAP 1 COLOR WHITE



CAP 3

COLOR



BLACK



CAP 2 COLOR GRAY



CAP 4 COLOR SAND BEIGE



CAP 6



 SIZE
 S(54cm), L(58cm)

 COLOR
 NAVY







FOLDING CAP

COLOR

BLUE



FOLDING CAP

COLOR

BLACK YELLOW

ECHNOLOGY

WIN&WIN equipment is created by the best and checked by the best.



GRAPHENE NANO CARBON TECHNOLOGY

Graphene is an atomic-scale honeycomb lattice made of carbon atoms. Graphene thickness of 0.2 nanometers is over 200 times stronger than the strongest steel and has improved shock absorption qualities over CNT(Carbon Nano Tube). The material properties and structure provide excellent tensile strength and approximately double the impact strength over present foam materials. The use of this material in Archery products has been solely developed by WIN&WIN.



WIN&WIN CARBON TECHNOLOGY

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



CARBON NANOTUBE TECHNOLOGY

Carbon nanotube and graphite nanofiber are true 21st century materials. They can be made as small as / 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.



WIN&WIN BOW TECHNOLOGY

Archerv 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.



WEIGHT BALANCE SYSTEM

The Weight Balance System is installed in the middle of the riser front end. It moves the center of gravity towards the front side, giving a more comfortable shooting feel and reducing unnecessary movement.



STRAIN BALANCE SYSTEM

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



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.



ABSORB VIBRATION SYSTEM

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



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 the limb, increases shooting stability and reinforces against twisting.



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. This makes sure that archers love each and every WIN&WIN product.



TOROUE 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.



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.



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.



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.



CENTER SHOT ADJUSTMENT SYSTEM







T6 HEAT TREATMENT intense shock.



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

Our hot forging system enhances the useful properties of all WIN&WIN aluminum products, like tensile strength and hardness.

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

HISTORY

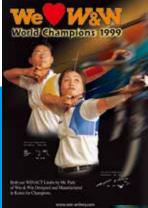
WIAWIS won the gold medal at the 1999 World Championships. With the best players in the world so far It is loved by the bow that won the medal.

2003

World Archery Championships Men&Women Individual

1999

World Archery Championships Men&Women Individual (Lee Eun-Kyung, Hong Sung-Chil)

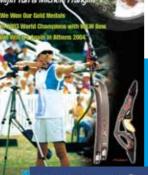




2000

Sydney Olympics Gold Medalist (Team) New World Recorder (1,379 pts:Nov. 2000) (Oh Kyo-Mun) Sydney Olympics Gold Medalist (Yun Mi-Jin)













2008 Beijing Olympics Men's Individual (Viktor Ruban)



2007











2009

Individual

(Lee Chang-hwan)

World Archery Championships Men's





2013 World Archery Championships Men's Individual Gold Medal

London Olympics Women's individual, Team Gold medalist

2012

(Ki Bo-Bae)

(Lee Seung-Yoon)



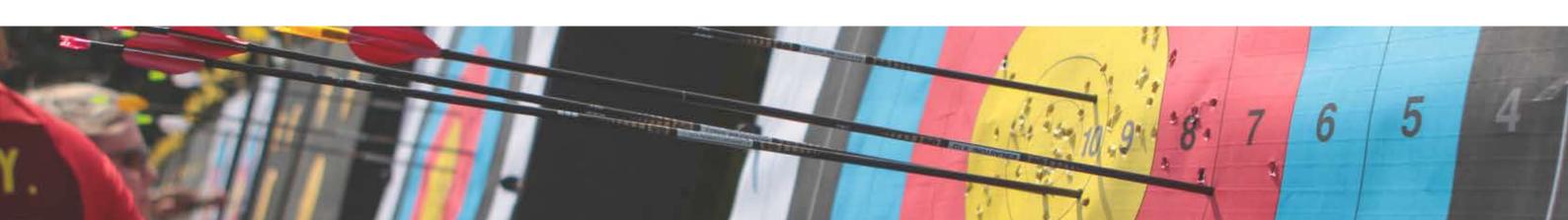
WILLA WISS





2015 World Archery Championships Women's Individual (Ki Bo-Bae)

2016 Medals at the Rio Olympics Won Men's & Womens's individual







World Archery Championships Women's Individual (Ksenia Perova) Women's team (Chang Hye-jin, Choi Mi-sun, Kang Chae-young)





Clean sweep of all Archery Gold Medals at the World Championships

Woman Gold Silver Bronze / Man Silver Bronze / Women Team Gold / Men Team Gold / Mix Team Gold



WHAT A GREAT WIN!



10000 MAS



Clean sweep of all Archery Gold

(Chang Hye-jin, Ku Bon-chan)



Woman Gold Silver Bronze / Man Gold Women Team Gold / Men Team Gold / Mix Team Gold

WIN&WIN ATHLETES



ALEX WISE / GREAT BRITAIN



LEE WOO SEOK / KOREA



THOMAS STANWOOD / USA



MARCUS D'ALMEIDA / BRAZIL



CLEMENT JACQUEY / FRANCE



DAI XIAOXIANG / CHINA









JAYANTA TALUKDAR / INDIA



MIGUEL ALVARINO GARCIA / SPAIN



NAOMI FOLKARD / GREAT BRITAIN



ELENA TONETTA / ITALY



SUGIMOTO TOMOMI / JAPAN



KHAIRUL ANUAR MOHAMAD / MALAYSIA





LISA BARBELIN / FRANCE





WEI CHUN-HENG / TAIWAN





SHANA MD RUMAN / BANGLADESH





FURUKAWA TAKAHARU / JAPAN



DANIEL FELIPE / COLOMBIA







BRIAN MAXWELL / CANADA



RYAN RAFI ADIPUTRO / INDONESIA













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