

# WIAWIS



WIN&WIN

W&W



**GRAPHENE**  
NANO CARBON TECH

**2020 | ARCHERY  
COLLECTION**





**WIAWIS**







WINNING ACTION & WINNING SPIRIT  
**WIAWIS**  
WIN&WIN

# WIAWIS IS A PRODUCT BRAND OF WIN&WIN

WIAWIS stands for "Winning Action, Winning Spirit" and refers to "the action and spirit of victory". 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.





**DESIGN,  
DEVELOPMENT AND  
PRODUCTION. ALL OF  
THESE PROCESSES  
ARE CONTROLLED  
BY WIN&WIN**

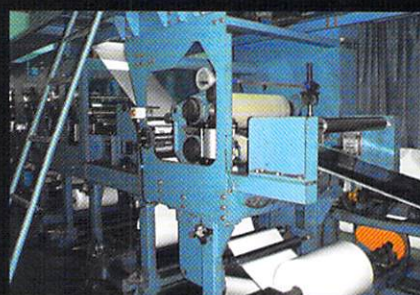
All products of WIAWIS are developed by the world's no. 1 archery company WIN&WIN which is located in South Korea. WIN&WIN's technicians go through the process of development and test in Korean headquarters. High-end products applying nano carbon technology are manufactured in Korea.



# NANO CARBON TECHNOLOGY : QUALITY DIFFERENTIATION

## THE DIFFERENCE OF NANO CARBON AND MATERIAL

WIAWIS uses the finest carbon fibers to produce high quality carbon preregs. WIAWIS makes nano carbon bows using preregs made by WIN&WIN. The quality of WIAWIS's nano carbon preregs are already proven by world class archers at the Olympic games.



WIAWIS did not hesitate to invest in advanced technology. We have accumulated a wide range of technology and know-how to make good products ranging from forging and heat treatment to aluminum technology, carbon prepreg manufacturing, and nano technology.



# WHAT IS GRAPHENE

## THE BEST PRODUCT OF NANO TECHNOLOGY

This high-quality prepreg developed using Graphene technology provides excellent performance benefits including:

High stiffness

Better shock and vibration absorption

Improved durability

Vibration  
absorption



Stiffness



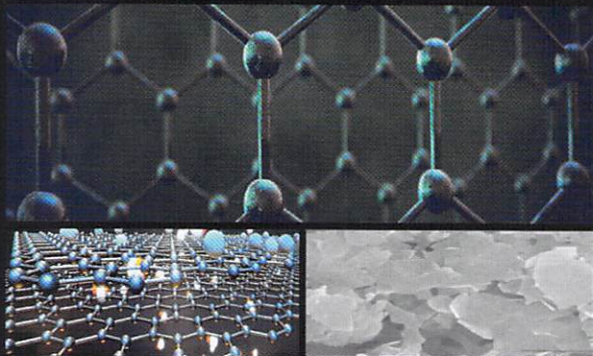
**GRAPHENE**  
NANO CARBON TECH



Durability



# WIN&WIN MAXIMIZES THE PROPERTIES OF CARBON BY APPLYING HIGH-TECH GRAPHENE



[structure of graphene]

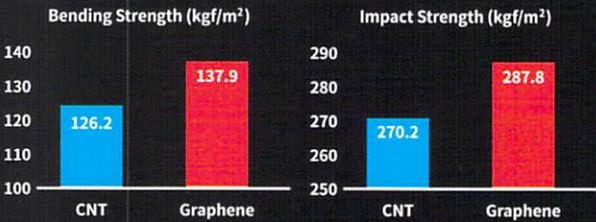


Graphene is a high-tech material sometimes referred to as a ‘material of dreams,’ which has only recently been commercialized. It is a two-dimensional material with a flat surface of carbon atoms in hexagonal honeycomb shape.

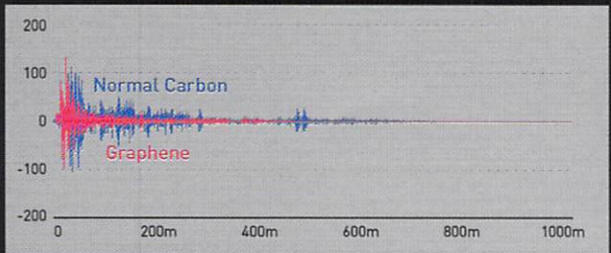
Nano means one-billionth. A 0.2 nanometer thin layer of graphene is more than 200 times stronger than steel and has an electrical conductivity 100 times that of silicon.

## Nano Carbon VS Normal Carbon

WIN&WIN combines nano graphene to have a large specific non-surface area of 2630m<sup>2</sup>/g with carbon fiber to maximize the properties of carbon and improve bow performance by enabling lighter weight, better shock and vibration absorption as well as more stiffness.



[WIN&WIN's own nano carbon prepreg machine]



[Vibration absorption of ordinary carbon bow and graphene carbon bow at the same pounds]

WIN&WIN has taken bow manufacturing to the next level by successfully developing its own nano CNT technology. Combined with 20 years of research and technology, WIN&WIN is able to apply this technology and employ Graphene to optimize bows for all archers.

These factors improve performance. Bows using graphene technology absorb shock and vibration more efficiently than aluminum and other carbon bows and improve arrow grouping by reducing bow torque and providing more shooting stability.

WIN&WIN applies its high-tech Nano Graphene material in various archery products including WIAWIS limbs, risers, stabilizer rods, and sights. This is all done with WIN&WIN's strict quality control process.





# WIAWIS COLLECTION

**WE ARE BORN TO WIN, ARE YOU?**

WIAWIS risers and limbs represent the pinnacle of nano carbon technology. WIN&WIN's carbon technology is excellent at absorbing shock and minimizing unnecessary movement to make shooting more accurate and stable. Better, faster, stronger!



# 14

## RISER

### CARBON

RADICAL PRO

TFT-G

INNO CXT

CX7

### ALUMINUM

ATF-X

WINEX

# 26

## LIMBS

MXT-GF

MXT-GW

NS-G

NS-FOAM CORE

NS-WOOD FLAX CORE

CX7

WINEX

# 40

## ACCESSORIES

STABILIZER

SIGHT

OTHERS

# 60

## APPAREL

SHIRT

CAP

UMBRELLA



# WIAWIS ARCHERY COLLECTION 2020

## CARBON RISER

 **GRAPHENE**  
NANO CARBON TECH



**NEW**  
RADICAL PRO



TFT-G



INNO CXT



CX7

## ALUMINUM RISER



**NEW**  
ATF-X



WINEX

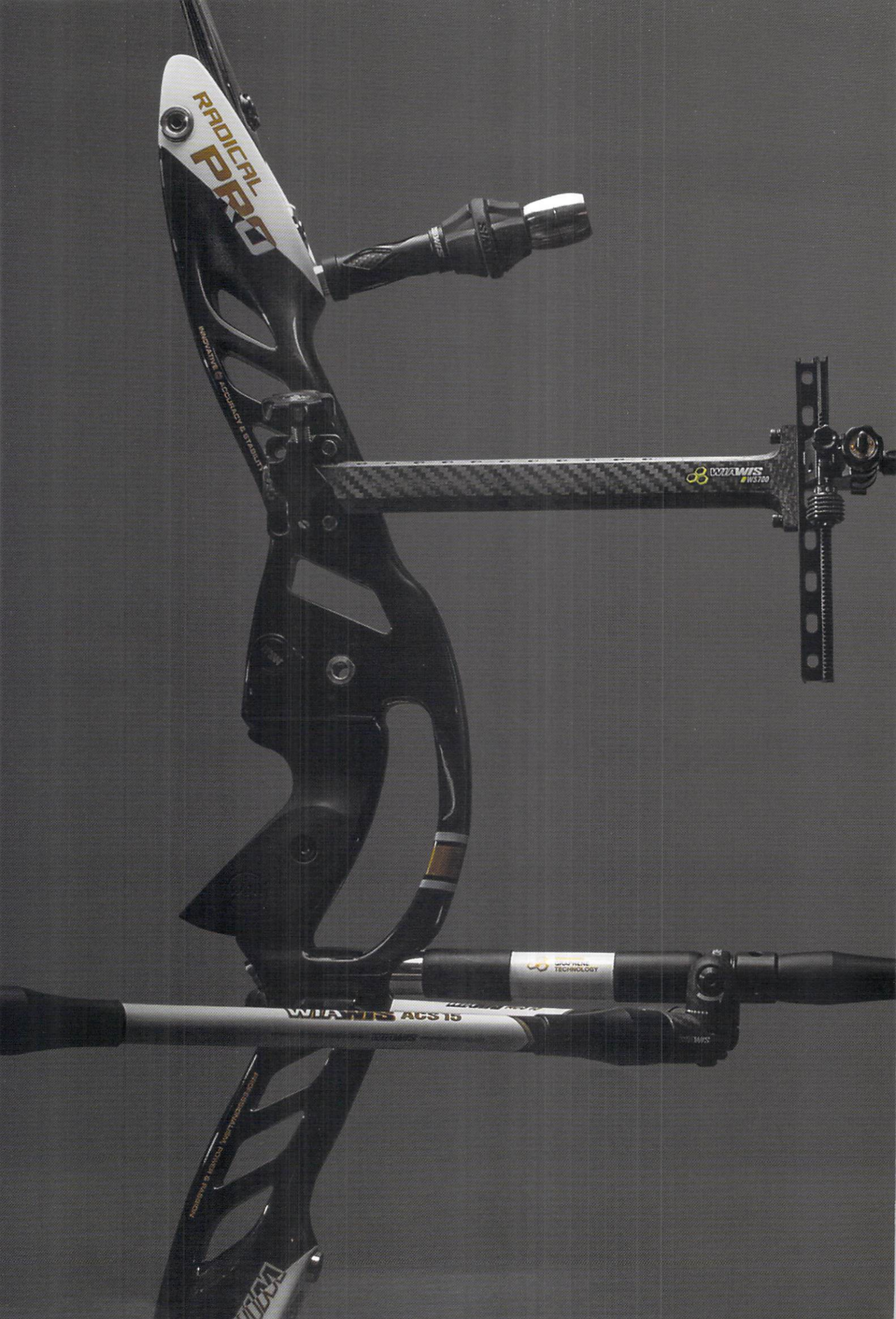


## LIMBS

 **GRAPHENE**  
NANO CARBON TECH









# WIAWIS RISER

## CARBON RISER

RADICAL PRO

TFT-G

INNO CXT

CX7

## ALUMINUM RISER

ATF-X

WINEX

WIAWIS ACS15 1000 CARBON TECHNOLOGY  
1000 CARBON TECHNOLOGY



2020 NEW

# 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.

These functions have been designed to help improve archer's shooting feeling and forgiveness.

## TECHNICAL SPECIFICATIONS

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



## COLORS

\* There may be some differences in color of the product



BLACK

ULTIMATE  
RED

DEEP PURPLE

INDIGO  
BLUEMETALLIC  
EMERALDDARK  
BRONZE

WHITE

25"

13 mm

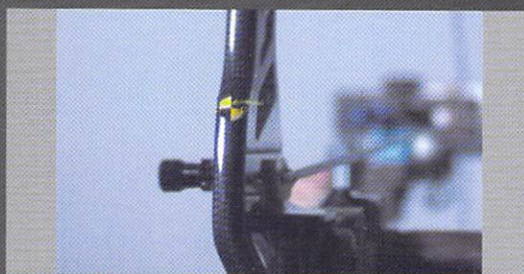
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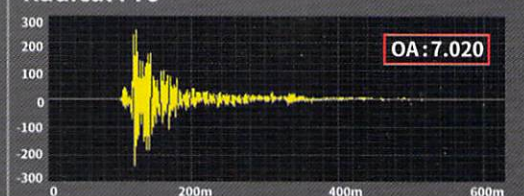


## HERE'S THE RADICAL PRO NANO CARBON RISER

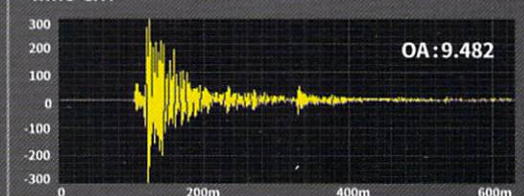
Basically we used nano carbon applied graphene on the riser as well as on the limbs.



Radical Pro



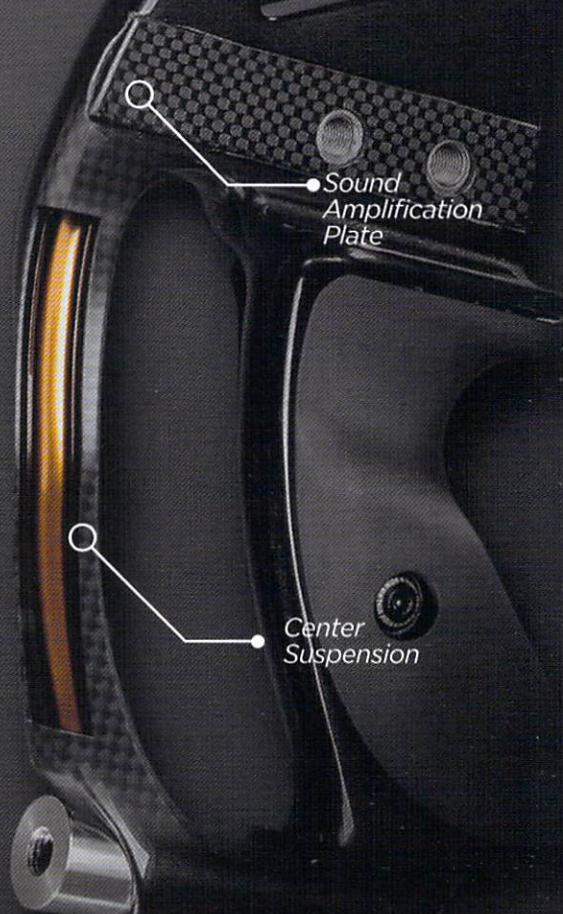
Inno CXT



## SPECIALLY DESIGNED CENTER SUSPENSION OF RADICAL PRO

Unlike the Dampener that absorbs vibration after shooting but does not have any effect on the bow torque at the moment of shooting, the special structure of the Radical Pro riser fundamentally absorbs shock and vibration, which makes arrow grouping better by reducing bow torque outstandingly in shooting.

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



# RADICAL PRO TECHNOLOGY



# 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	1320g
TYPE	RH / LH
MATERIAL	Graphene / Nano Carbon



### COLORS



CARBON  
BLACK

BURGUNDY  
RED

INDIGO  
BLUE

GRAPHITE  
SILVER



7

13 mm





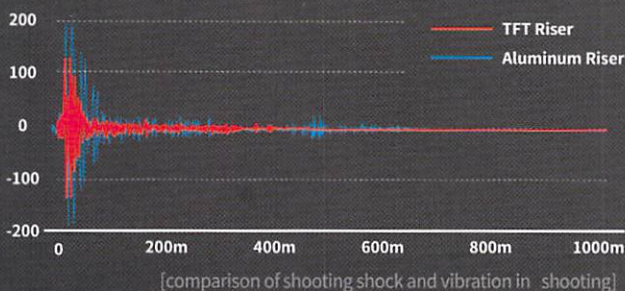
# WIAWIS TFT-G TECHNOLOGY

## GRAPHENE DAMPER

employs a graphene dampener made of nano graphene prepreg dispersed in high molecular epoxy to absorb shooting shock and vibration and help stabilize 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.



In modern bows vibration mostly occurs at the sight window side of a handle, which directly affects bow torque and balance of both of the limbs when shooting. The WIAWIS TFT-G handle improves the overall balance of the riser during shooting and maximizes its effect by applying nano graphene. This means torque is reduced when shooting which in turn directly affects scoring with more a stable shooting feeling.

Graphene  
Carbon prepreg

Graphene  
Damper



# 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. The CXT carbon riser has had successful entry into the market and over time has proved its stability being used by archers worldwide, where aluminum risers were mainstream. With carbon features that minimize impact and vibration reduction, the weight control system at the bottom of the grip can be easily adjusted for any archers.

It is perfect for men, women, juniors, and masters of all levels, available in 23", 25" and 27" riser lengths and weight is adjustable so you can customize the weight to fit your desire with side weight control system. A light version of the size range is also available at 1070g, 1150g and 1210g respectively. It is still widely used by Olympic level athletes.

## 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		

## COLORS



Weight Control System  
\* 4 flat weights are included  
( 1 flat weight : 25g )

23"

25"

27"

4

12 mm





# 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



## COLORS



BLACK



YELLOW



RED



BLUE



25"



7°

13 mm





2020 NEW

# 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 in 2018 and 2019. Through the balance of the riser design, ATF-X makes the shooting feel more powerful. Anti-torsional 45-degree cross design, which was the strong point of the existing ATF model, minimizes bow torque left and right, reducing the unnecessary movement during shooting. It also offers the option of added weights or dampers at the top, middle or bottom of the riser.

### TECHNICAL SPECIFICATIONS

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



### COLORS



GRAPHITE BLACK CHAMPION GOLD METALLIC SILVER BRILLIANT SILVER TURKEY GREEN HEAT BLUE

Anodized Colors



SONIC RED NEO PINK DYNAMIC YELLOW INDIGO BLUE BURGUNDY RED WHITE

Anodized Colors

Painted Colors



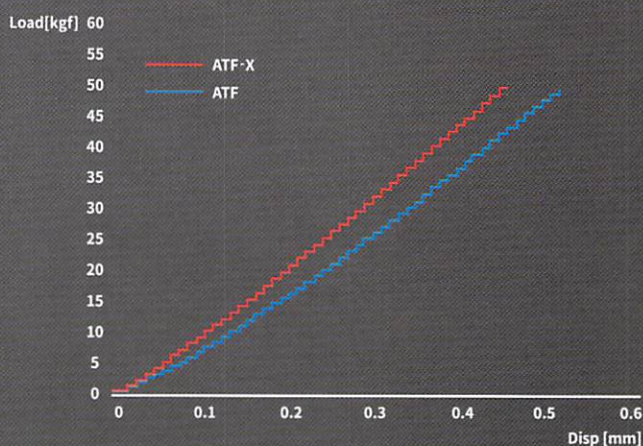
13 mm







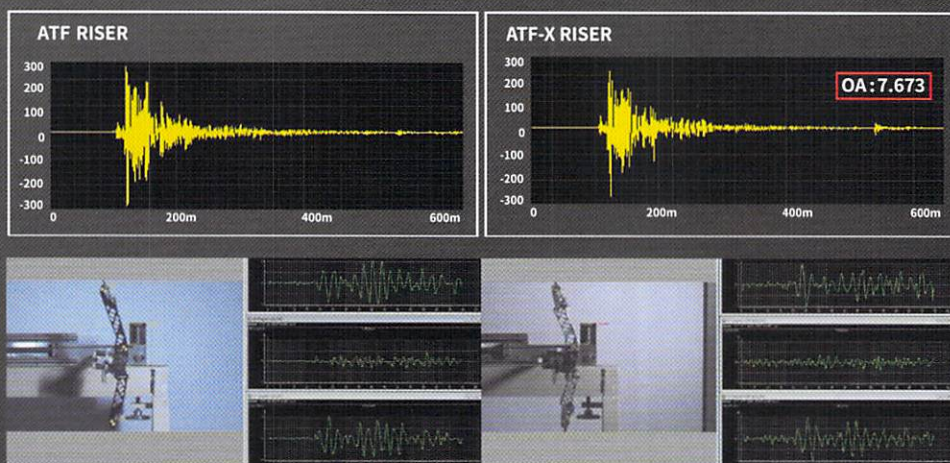
# ATF-X TECHNOLOGY



## 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.

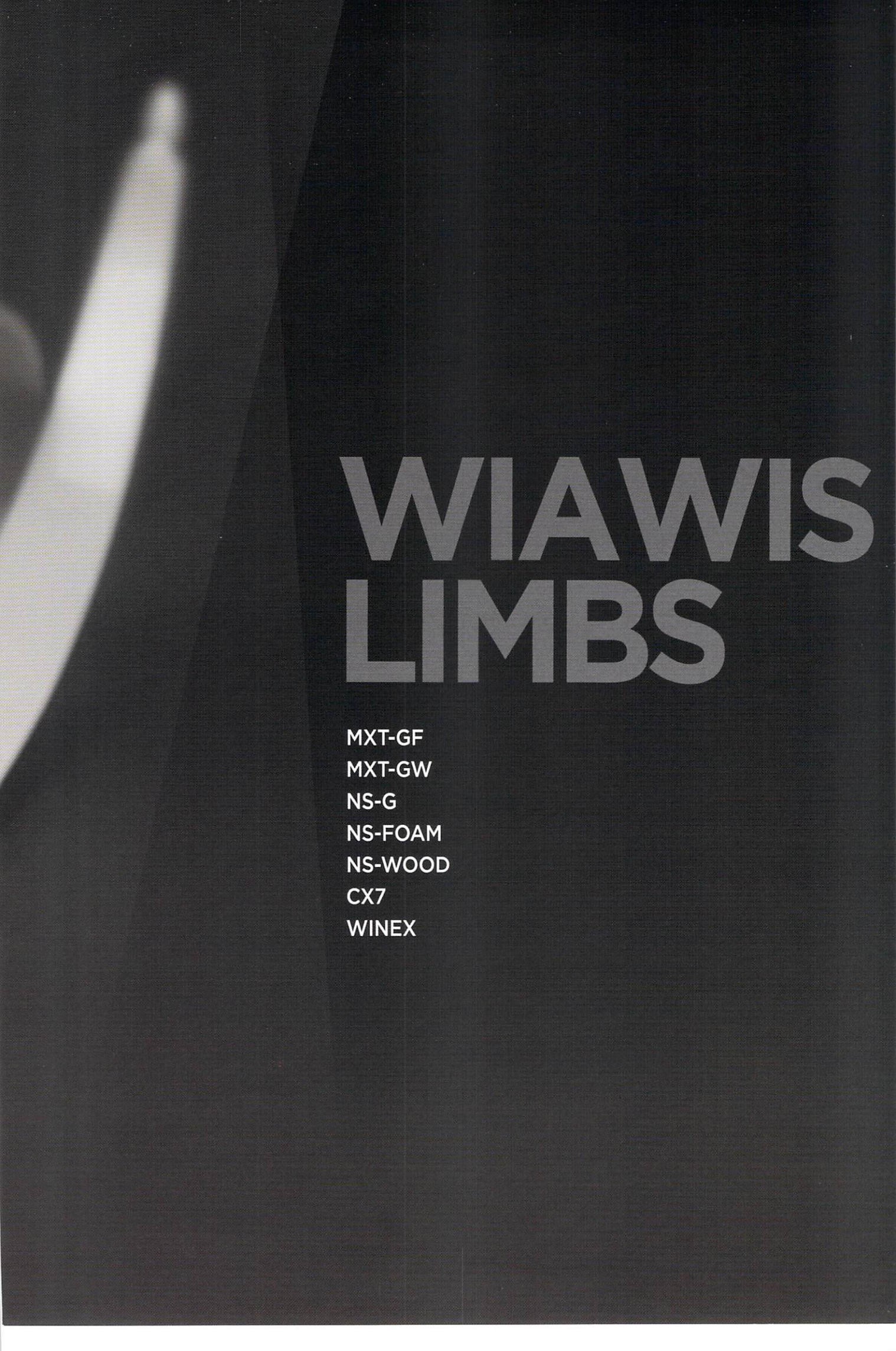


In particular, by making balance of the upper and lower parts of the riser, entire movement of the riser during shooting is more stable than the present ATF riser.









# WIAWIS LIMBS

MXT-GF

MXT-GW

NS-G

NS-FOAM

NS-WOOD

CX7

WINEX



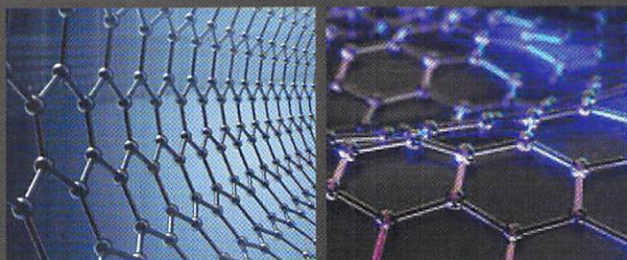
# MXT LIMBS TECHNOLOGY

## MXT-G LIMBS

MXT-G limbs are a new product model 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.

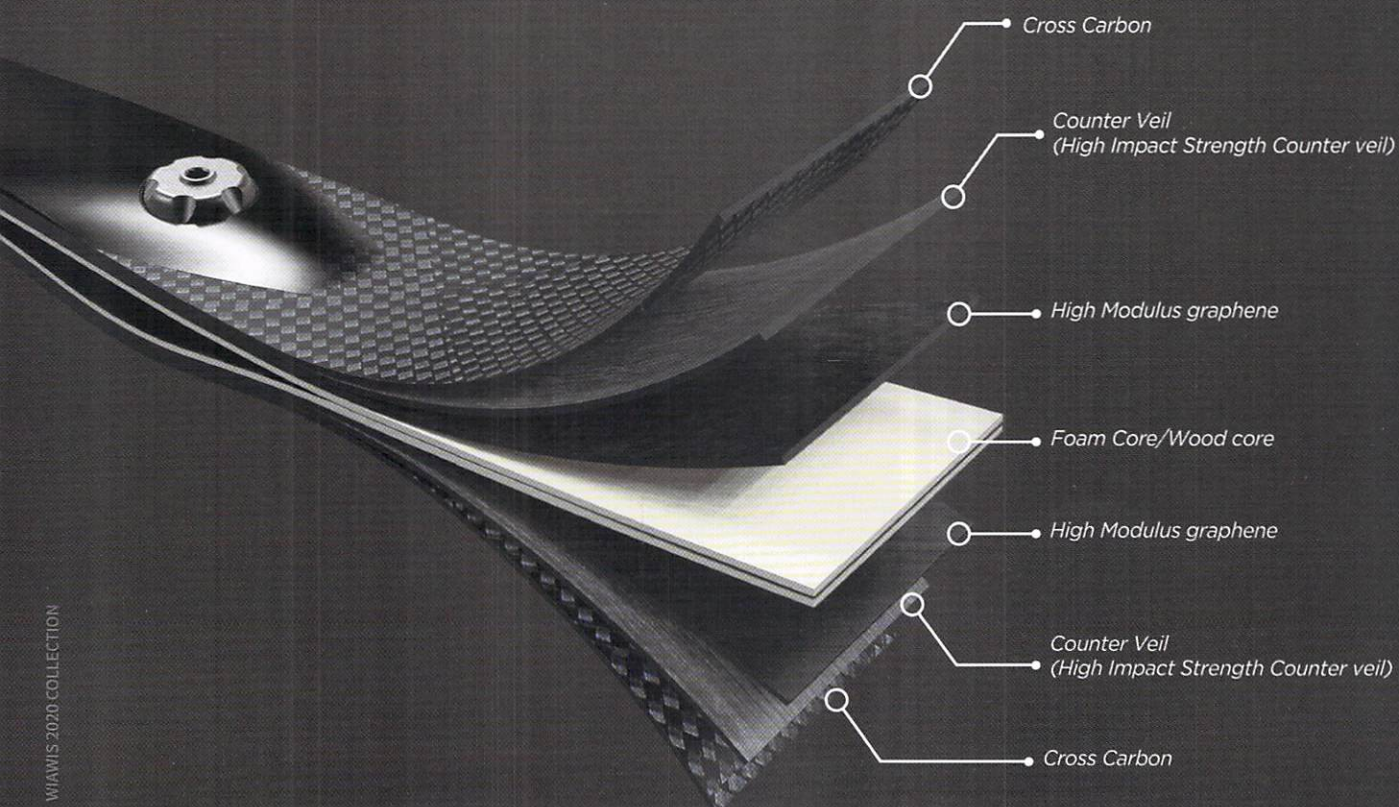
### FIRST, MXT LIMBS USED HIGH-TECH NANO MATERIAL, GRAPHENE

Graphene is the nano 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.



Nano carbon applied graphene developed with WIN&WIN's own technology is 30% stronger in stiffness, 60% or more in durability, and 20% more in shock and vibration absorption compared to normal carbon.

These superior factors of the graphene improve bow performance. Furthermore, semi-glossy limb base with graphene further maximizes its efficiency.

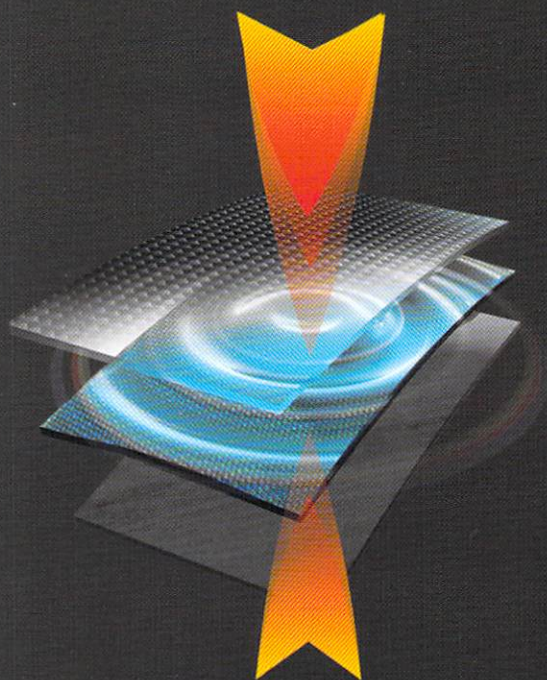
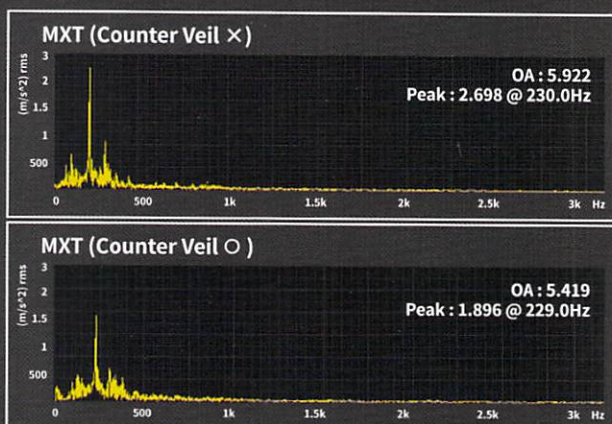




## SECOND, THE USE OF HIGH IMPACT STRENGTH COUNTER VEIL MATERIAL

In addition, by using the high impact strength counter Veil along with the high tensile carbon material of the MXT limbs, the movement of the limbs is further stabilized in shooting by restraining the unstable movement of the carbon.

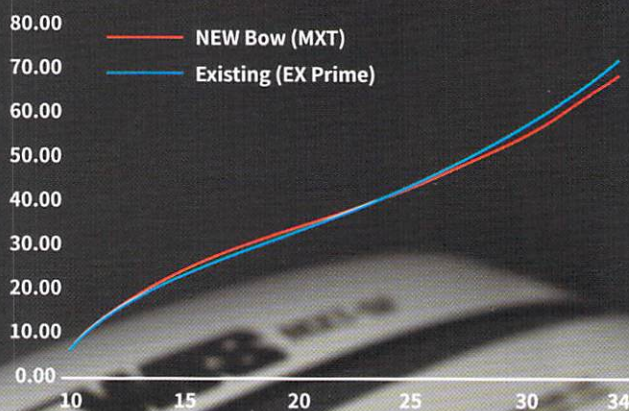
We can see the difference in the string movement or vibration test in shooting.



## THIRD, MXT LIMBS MAKE SHOOTING SMOOTHER WITH STRENGTHENING REAL FLEXIBILITY.

As shown in the following FX curve, it was designed to be smoother in full drawing and power zone was expanded as well. This shows that the flexibility of drawing as the bow function improves.

When shooting, you can feel smoothness, and can do more stable and powerful shooting at the same time. Simply adjusting the angle of the limbs, or bending the limb base, is not making the limb flexible, but just weakening the bow pound, which is fundamentally different from the meaning of flexibility of the bow.





# NS-G

## SMOOTH DRAWING AND ACCURATE AND STABLE SHOOTING

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 flight.

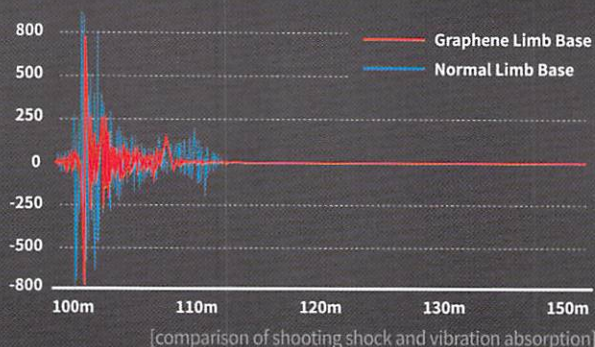
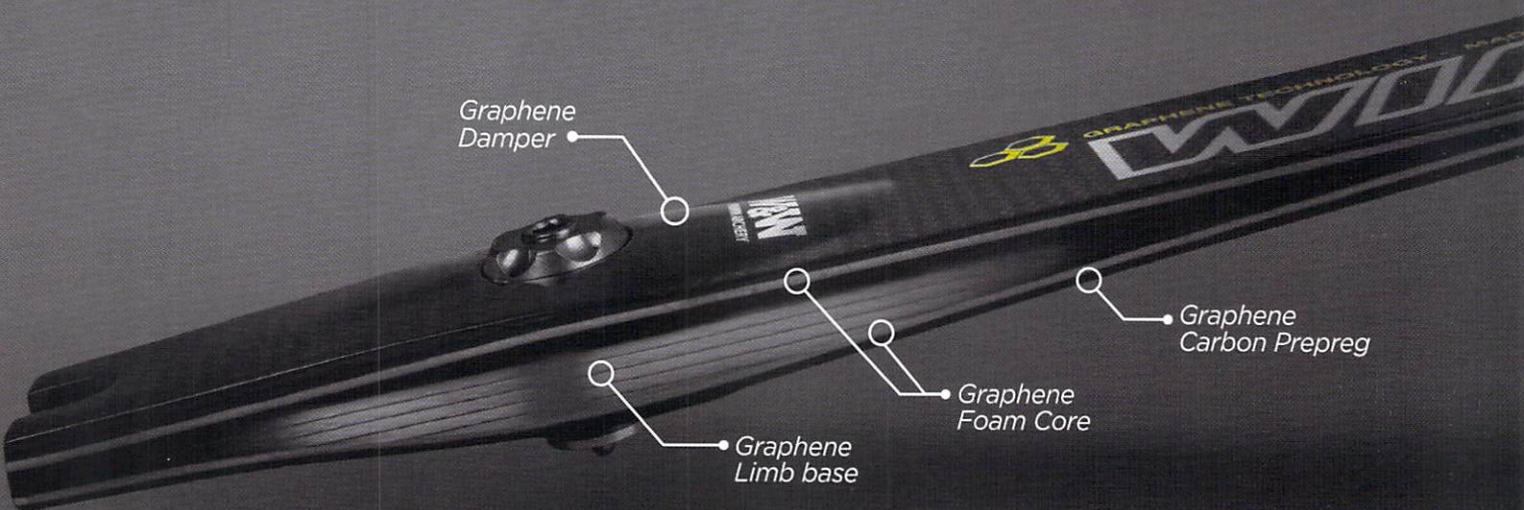
Softer, but more advanced competition limbs that used graphene on foam cores to ensure that the arrows don't lose speed and flight stability.

## TECHNICAL SPECIFICATIONS

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

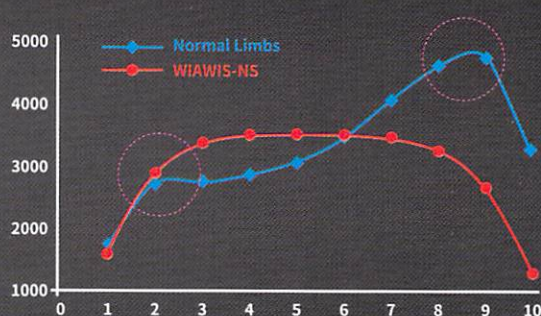






## GRAPHENE LIMB BASE

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 after 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-Balance 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.

# NS-G TECHNOLOGY



# NS-FOAM

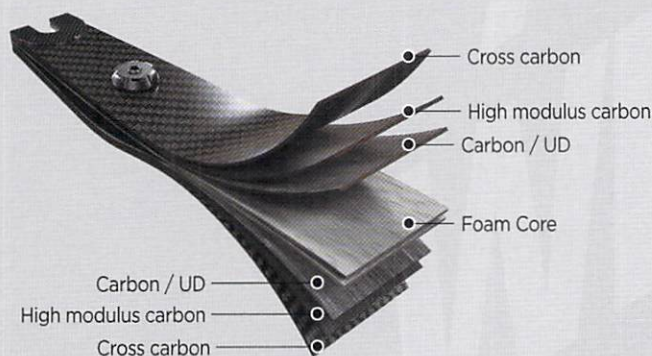
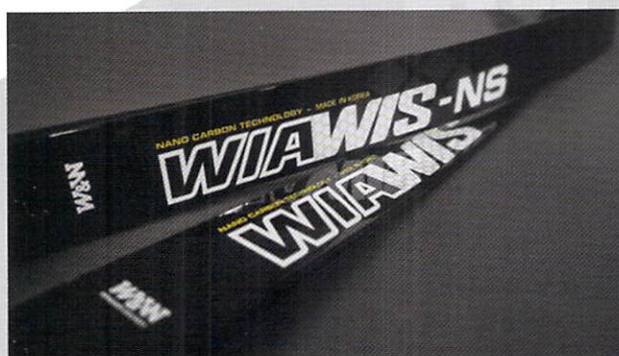
## BUILT FOR SPEED AND EXTREME ACCURACY INTRODUCING GRAPHENE FOAM CORE!

The NS limb is designed to shoot from all sides of the limbs. It is a limb that has been optimized to remove the instability caused by two recurve motions and to send an arrow with a certain ratio of force from beginning to end.

The NS foam core limb is a smooth but fast-paced limb that is recommended for users who want stable shooting that is less sensitive to errors.

### TECHNICAL SPECIFICATIONS

LENGTH	Short, Medium, Long
WEIGHT	28 to 48 lbs (2 lbs increment)
MATERIAL	Graphene Foam Core/ High Modulus Carbon
FINISH	All glossy, One side matt& other side glossy





# NS-WOOD

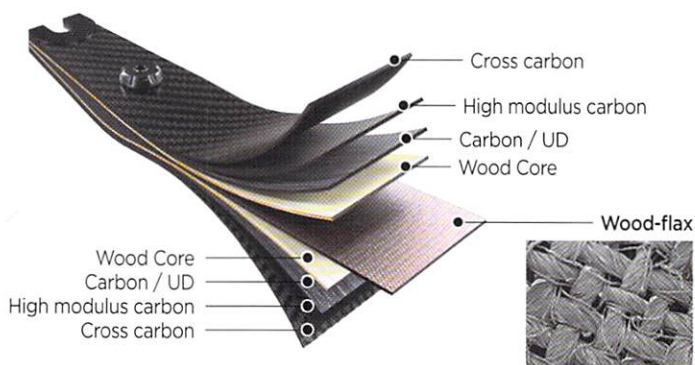
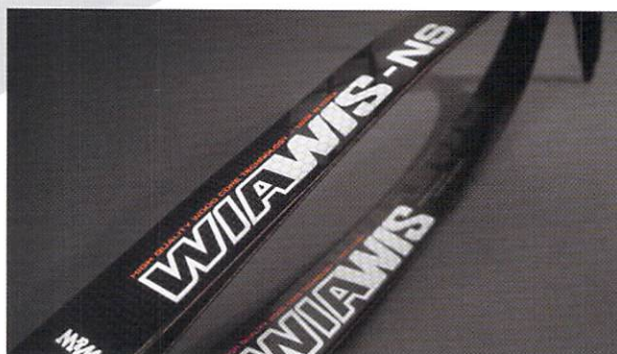
## FLAX CORE

### THE MOST STABLE, ACCURACY AND POWERFUL SHOOTING!

The NS wood limb is recommended for users who are looking for powerful shooting by using high-quality wood materials carefully selected to enhance their resilience and improve the feeling of drawing and shooting.

### TECHNICAL SPECIFICATIONS

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





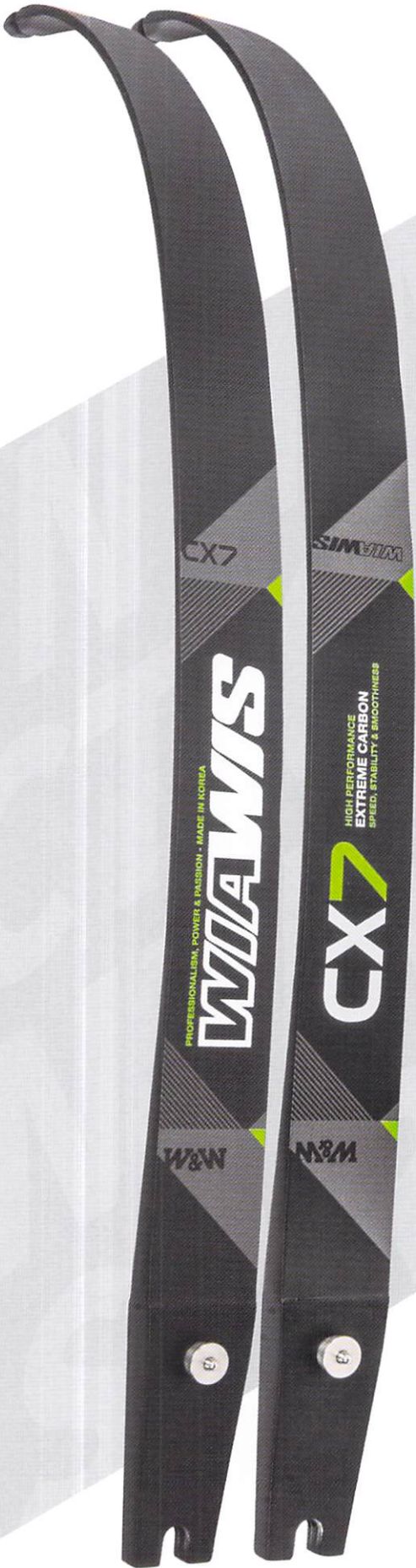
# CX7

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 incerment)
MATERIAL	Nano Foam Core/ High Modulus Carbon
FINISH	Matt





# WINEX

## VIBRANT LOOK AND BRILLIANT CONSTRUCTION

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









# WIAWIS BOW SPECIFICATIONS









## RISER TECHNICAL SPECIFICATIONS

RISER	LENGTH	MASS WEIGHT	TYPE	MATERIAL
RADICAL PRO	25 inch	1300g	RH / LH	Graphene / Nano Carbon
TFT-G	25 inch	1320g	RH / LH	Graphene / Nano Carbon
INNO CXT	23 inch	1120g	RH	Nano Carbon
	25 inch	1200g	RH / LH	
	27 inch	1260g	RH	
INNO CXT LIGHT	23 inch	1070g	RH	Nano Carbon
	25 inch	1150g	RH / LH	
	27 inch	1210g	RH	
CX7	25 inch	1250g	RH / LH	Carbon Composite
ATF-X	25 Inch	1300g	RH / LH	Aluminum / CNC Machining
WINEX	23 inch	1190g	RH	Aluminum / CNC Machining
	25 inch	1250g	RH / LH	Aluminum / CNC Machining

## LIMBS TECHNICAL SPECIFICATIONS

LIMBS	LENGTH	WEIGHT(lbs)	MATERIAL
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	Short, Medium, Long	28 ~ 48 lbs	Graphene Foam Core & Graphene Limb base / High Modulus Carbon
NS-FOAM CORE	Short, Medium, Long	28 ~ 48 lbs	Graphene Foam Core / High Modulus Carbon
NS-WOOD FLAX 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	Royal Cross Carbon

## GRIP COMPATIBILITY

													
	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		
RADICAL PRO	○	○	○	○	○	○	○	●	○	○	○		
TFT-G	○	○	○	○	○	○	○	●	○	○	○		
INNO CXT, CXT LIGHT	○	○	●	○	○	○	○	○	○	○	○		
CX7	○	○	○	○	○	○	○	●	○	○	○		
ATF-X	○	○	○	○	○	○	○	●	○	○	○		
WINEX	○	○	○	○	●	○	○	○	○	○	○		

※ ● = standard grip to be set in the factory / ○ = available

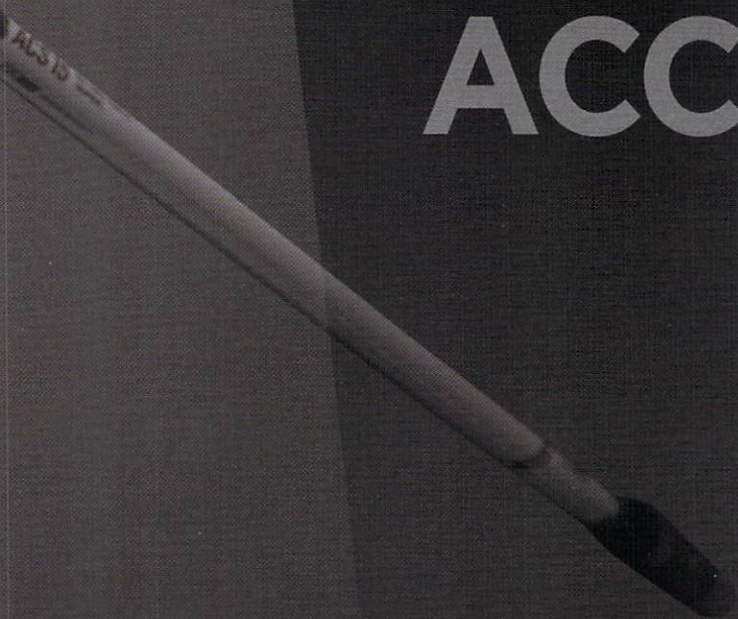
※ Wooded grip in same group from 1 to 6 is marked 'high' on the basis of standard grip at the factory.







# WIAWIS ACCESSORIES



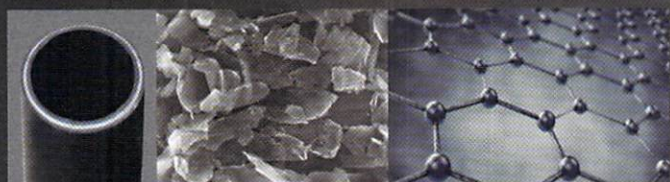


# STABILIZER TECHNOLOGY

## WIAWIS STABILIZER

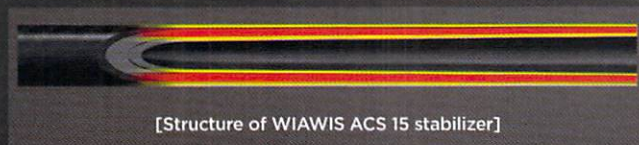
### GRAPHENE FOAM CORE STRUCTURE

The Synthetic foam core structure uses Graphene to increase the rigidity of the rod and absorbs shock and vibration more efficiently.

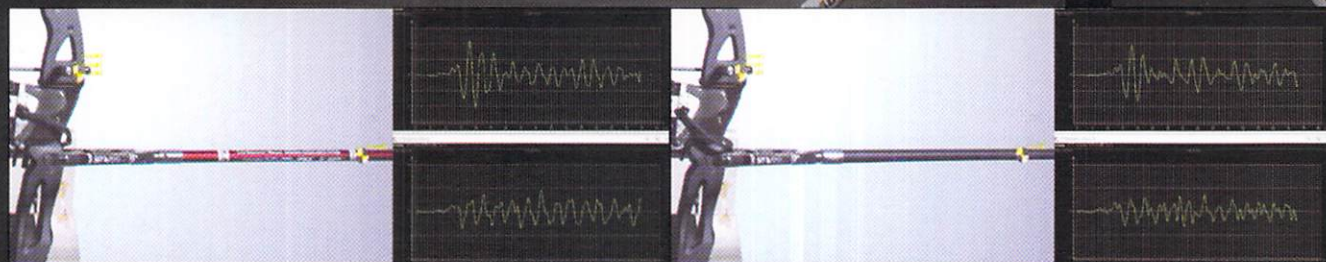


### RIGIDITY IS INCREASED TO MINIMIZE TORQUE IN SHOOTING

The new WIAWIS ACS15 stabilizer has increased stiffness by using a tapered tube on the ends of the stabilizer. It absorbs the shooting vibration more efficiently resulting in increased dampening qualities. This assisting in the elimination of torque and in turn makes the bow more stable.



[Structure of WIAWIS ACS 15 stabilizer]



When using the WIAWIS ACS 15 stabilizers on a bow, the riser movement becomes better balanced and more stable.



# ACS 15

## TECHNICAL SPECIFICATIONS

LONG ROD LENGTH	32 inches (351g)	30 inches (328g)
	28 inches (321g)	26 inches (301g)
SHORT ROD LENGTH	15 inches (212g)	14 inches (205g)
	12 inches (202g)	
	11 inches (196g)	10 inches (195g)
EXTENDER LENGTH	6 inches (98g)	5 inches (89g)
	4 inches (80g)	3 inches (63g)



## COLORS

	WHITE GOLD
	CARBON BLACK
	INDIGO BLUE
	BURGUNDY RED
	GRAPHITE SILVER



LONG

1 HEAD  
1 FLAT  
1 BOTTOM  
FLAT  
INCLUDED



HEAD



FLAT



BOTTOM FLAT  
S21 WEIGHT  
(Flat & Head)

1 HEAD  
1 BOTTOM  
FLAT  
INCLUDED



SHORT



EXTENDER



# S21

## TECHNICAL SPECIFICATIONS

LONG ROD LENGTH	26 inches (256g)	28 inches (261g)
	30 inches (264g)	32 inches (268g)
SHORT ROD LENGTH	10 inches (175g)	11 inches (180g)
	12 inches (185g)	
	14 inches (200g)	15 inches (205g)
EXTENDER LENGTH	3 inches (54g)	4 inches (70g)
	5 inches (76g)	6 inches (82g)



## COLORS

	CARBON BLACK MATT
	CARBON BLACK
	RED
	BLUE
	YELLOW



LONG

1 HEAD  
1 FLAT  
1 BOTTOM  
FLAT  
INCLUDED



HEAD  
FLAT  
BOTTOM  
FLAT  
S21 WEIGHT  
(Flat & Head)

1 HEAD  
1 BOTTOM  
FLAT  
INCLUDED



SHORT



EXTENDER



# HMC PLUS

## TECHNICAL SPECIFICATIONS

LONG ROD LENGTH	26 inches (206.5g)	28 inches (225g)
	30 inches (232.5g)	
SHORT ROD LENGTH	10 inches (141g)	11 inches (145g)
	12 inches (156g)	
EXTENDER LENGTH	3 inches (70g)	4 inches (84g)
	5 inches (87.5g)	6 inches (90.5g)



## COLORS



1 HEAD  
2 FLAT  
INCLUDED



HMC WEIGHT  
(Flat & Head)

1 HEAD  
1 FLAT  
INCLUDED



LONG

SHORT

EXTENDER



# WIAWIS SIGHT

## The fruit of Nano Technology - Graphene Foam core

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) . That's why we call it 'the fruit of Nano technology'. Graphene foam is solid open-cell foam made of single-layer sheets of graphene. 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.



## Stronger and more stable structure

By integrating the Sight head, its movement against shock during shooting is reduced and shooting becomes more stable. This also improves durability characteristics.



## Outstanding shock absorption

Low specific gravity with high stiffness foam is used in the new sight. The sight features lighter, stiffer and improved shock/vibration absorption when shooting. In addition, high tensile Nano Carbon material is used on the sight which improves its stiffness.



# WS 700



## 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.

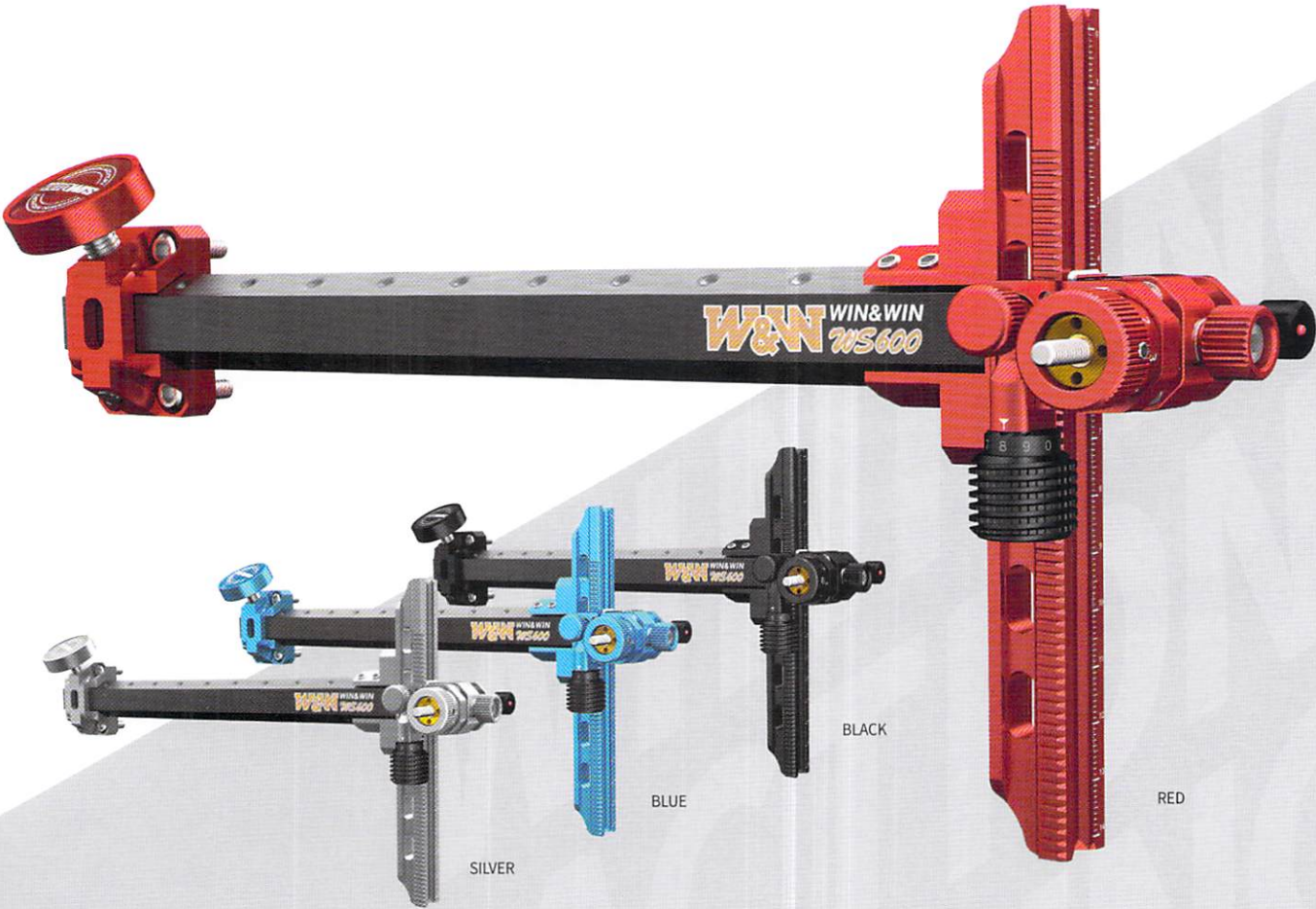
## TECHNICAL SPECIFICATIONS

TYPE	RH / LH
WEIGHT	207g





# WS 600



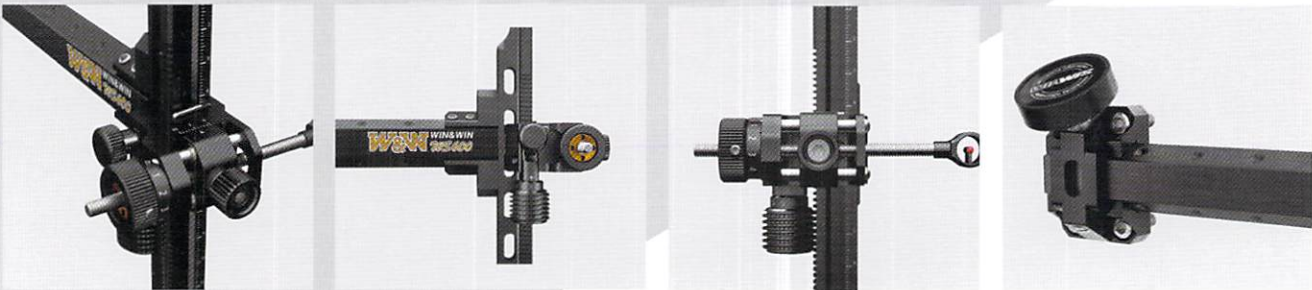
## NEVER COMPROMISE YOUR AIM

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





# BOLTS & WEIGHT

## WEIGHT / TILLER ADJUSTMENT BOLT

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

A TYPE



B,C TYPE



A TYPE (TFT-G)



MATT

GLOSSY

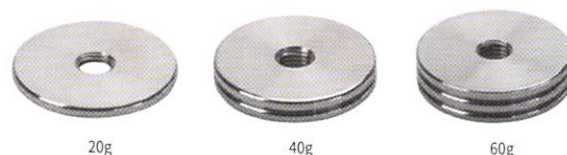
B TYPE (RADICAL PRO, ATF-X)



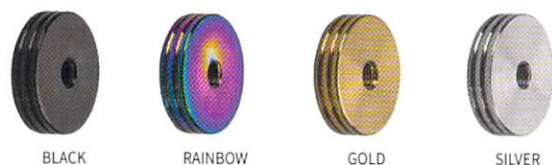
### COLORS



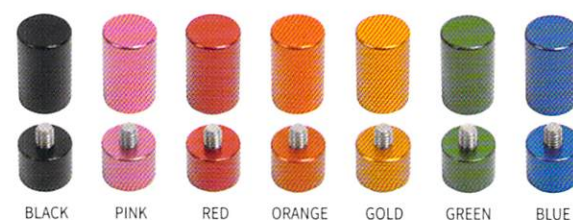
### WEIGHT



### COLORS



### COLORS



## LIMB BOLT

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

## 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

\*included screws

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

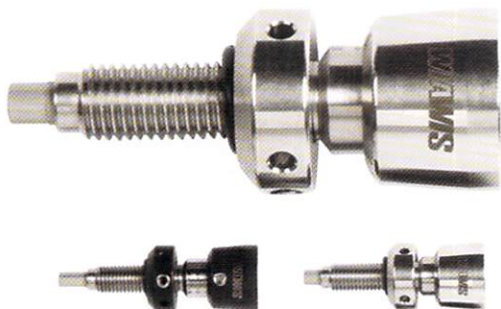
## COLOR WEIGHTS

WEIGHT - Head 40g / Flat 23g





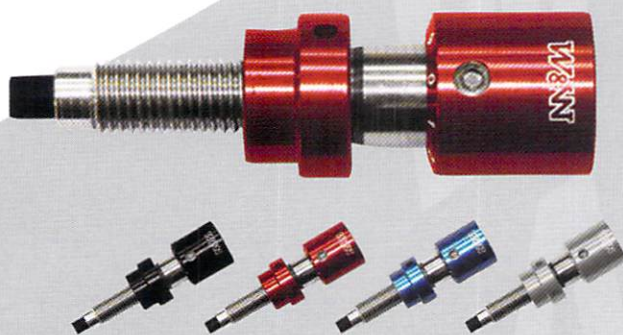
# CUSHION PLUNGER / REST



## 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.

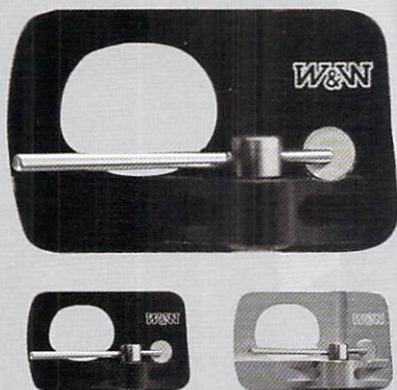
MATERIAL	Stainless steel	WEIGHT	43g
THREAD SIZE	5/16"-24	COLORS	Black, Silver
ADJUSTABLE LENGTH	min 24.0mm - max 29.0mm (29mm pressure point) min 17.5mm - max 24.0mm (24mm pressure point)		



## 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		
ADJUSTABLE LENGTH	min 24.0mm - max 29.0mm (29mm pressure point) min 17.5mm - max 24.0mm (24mm pressure point)		



## 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.

TYPE	RH / LH	COLORS	Black, Silver
------	---------	--------	---------------



# CLICKER

2020 NEW

## 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.

<b>SIZES</b>	6-32, 4-40 or M4	<b>MATERIAL</b>	Carbon
--------------	------------------	-----------------	--------

### COLORS



## 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.

<b>SIZES</b>	6-32, 4-40 or M4	<b>MATERIAL</b>	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.

<b>SIZES</b>	6-32, 4-40 or M4	<b>MATERIAL</b>	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 loosening.

<b>SIZES</b>	6-32, 4-40 or M4	<b>MATERIAL</b>	Stainless steel
--------------	------------------	-----------------	-----------------

<b>BLADE COLORS</b>	Black, Rainbow, Gold, Silver
---------------------	------------------------------

<b>CAP&amp;WHEEL COLORS</b>	Black or Clear
-----------------------------	----------------





# DAMPER

## 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	38mm	WEIGHT	48g
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	50mm	WEIGHT	33g
THREAD SIZE	1/4"-20	COLORS	Black



## 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.

LENGTH	BWD : 40mm	BWD SHORT : 25mm	
WEIGHT	BWD : 45.5g	BWD SHORT : 32.5g	
THREAD SIZE	1/4"-20	COLORS	Black



BW DAMPER



BW SHORT DAMPER



# UPPER STABILIZER

2020 NEW

## ACS CARBON UPPER STABILIZER

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

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

### COLORS



## ACS UPPER STABILIZER

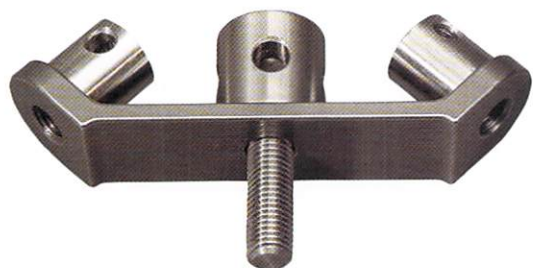
ACS UPSTABI dampers are outstanding at absorbing vibration and increasing dampening in a stabilization system.

LENGTH	110mm	WEIGHT	95g
THREAD SIZE	5/16"-24	COLORS	Black





# V-BAR



2020 NEW

## WIAWIS SUS V-BAR

This is a new concept of v-bar made of strong stainless steel with enhanced design. It reduces the volume of a standard V-Bar and transfers the shooting shock and vibration passing through the Stabilizer more quickly at the moment of shooting. It helps to make the shooting more stable.

WEIGHT	115g	COLORS	Satin
--------	------	--------	-------

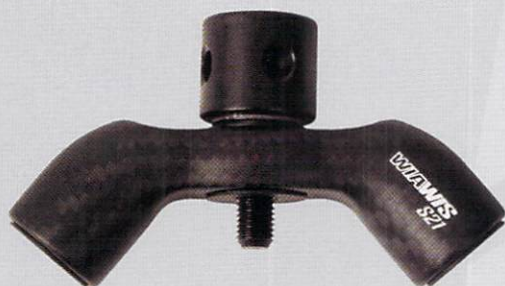
※ TWO STRAIGHT ANGLES - 40, 45 degrees



## WIAWIS CX-AD V-BAR

The adjustable carbon v-bar block allows the elevation angle of the short stabilizers to move up or down. It is made of carbon fiber, which makes it lighter than any other v-bar. The vibration absorption properties are excellent which will enhance the archer's concentration while shooting. It will offer the power of perfect fixation and the archer will feel the stability.

WEIGHT	198g	COLORS	Carbon Matt or Carbon Glossy
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## WIAWIS S21 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.

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	120g	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	86g	COLORS	Carbon Matt
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※ THREE STRAIGHT ANGLES - 35, 40, 45 degrees



# 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
※ CORDOVAN LEATHER SOLD SEPARATELY			





# ACCESSORIES

## 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!

TYPE

RH / LH

SIZE

Small, Medium, Large

## COLORS



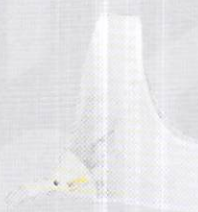
BLACK



RED



BLUE



WHITE



ORANGE



GREEN

## 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



BLACK



RED



BLUE



WHITE



ORANGE



GREEN







## A-1 QUIVER

The total weight is dropped significantly and a cushioned belt provides a comfortable fit. Magnets at the bottom of the quiver make arrow carrying easy and multiple pockets allow you to carry all kinds of accessories.

TYPE	RH / LH
BELT SIZE	adjustable from 23 to 49 inches

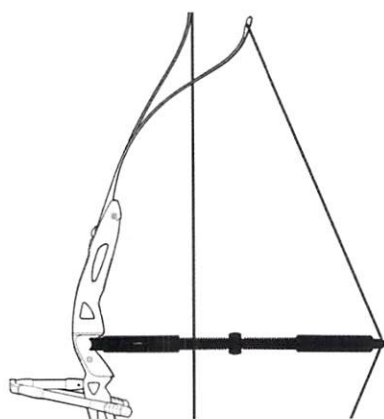
※ THREE ARROW TUBES

## COLORS

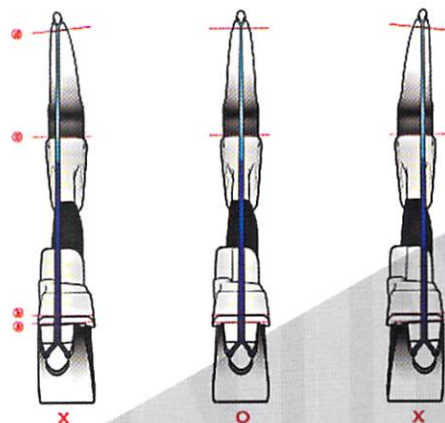




## TW-BRACE



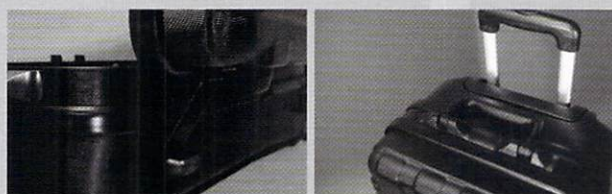
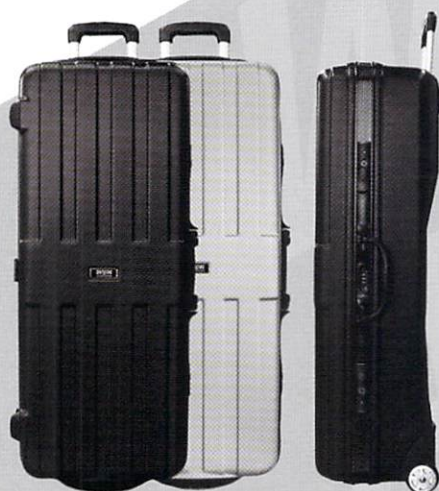
Check the center-shot at set-up and full draw of the bow



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.



## 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 trolley 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

## 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 end-cap of the stabilizer.



## 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.

Stable in any conditions with more firmly designed rest.



## 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.



## 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!

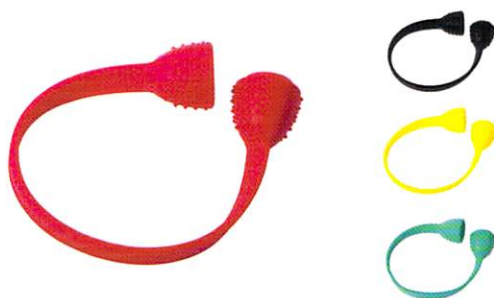


## BALL STRETCH BAND

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









The background is a dark, textured surface, possibly a piece of fabric or a wall, with a large, dark, triangular shape dominating the right side. On the left, there's a lighter, curved shape. A faint, stylized logo is visible in the upper right, appearing to be a combination of letters and a circular element.

# WIAWIS APPAREL



# WIAWIS APPAREL

## T-SHIRTS



2015 OFFICIAL ARCHER SHIRT  
COLOR - Red / SIZE - S, M, L, XL, XXL



2016 OFFICIAL ARCHER SHIRT  
COLOR - Sky Blue / SIZE - S, M, L, XL, XXL



2016 OFFICIAL ARCHER SHIRT  
COLOR - Yellow / SIZE - S, M, L, XL, XXL



2017 OFFICIAL ARCHER SHIRT  
COLOR - Pink / SIZE - S, M, L, XL, XXL



2017 OFFICIAL ARCHER SHIRT  
COLOR - Black Pink / SIZE - S, M, L, XL, XXL



2018 WIAWIS T-SHIRT  
COLOR - Black / SIZE - S, M, L, XL, XXL



## BALL CAPS



CAP 6  
COLOR - Gray



CAP 7  
SIZE - S(54cm), L(58cm)  
COLOR - Navy



FOLDING CAP  
COLOR - Blue



FOLDING CAP  
COLOR - Black

## UMBRELLA



UMBRELLA



TELESCOPIC UMBRELLA





# TECHNOLOGY

*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

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.



## 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 HMC PLUS 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.





### 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.



### 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

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 hardness.



### T6 HEAT TREATMENT

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





## Gold Medal

Woman Individual

Lei Chien-Ying



## Gold Medal

Mix Team

Kang Chae Young & Lee Woo Seok



# WHAT A GREAT WIN!

## WIAWIS SWEPT PODIUM!!

in 2019 World Archery  
Championships



## Gold Medal

Women Team

Peng Chia-Mao / Lei Chien-Ying  
/ Tan Ya-Ting



## Gold Medal

Men Team

Feng Hao



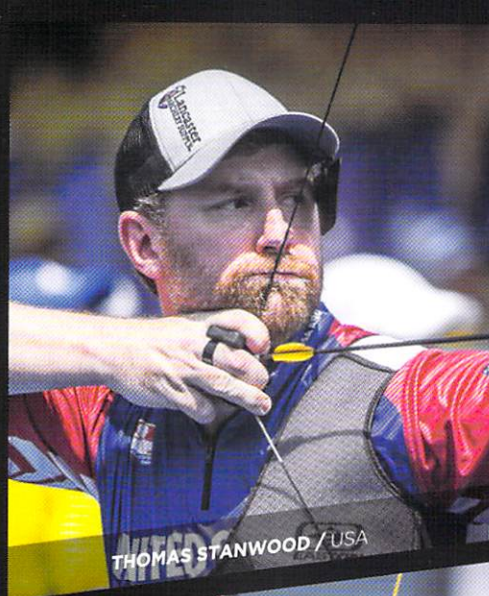
2019 World Archery  
Championships

S-Hertogenbosch, Netherlands  
10 to 16 Jun, 2019





ALEX WISE / GREAT BRITAIN



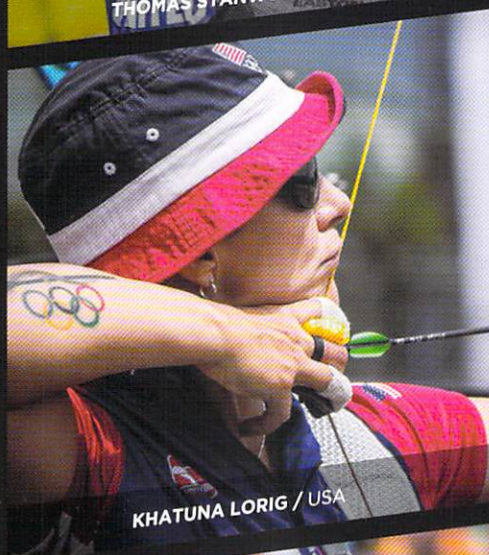
THOMAS STANWOOD / USA



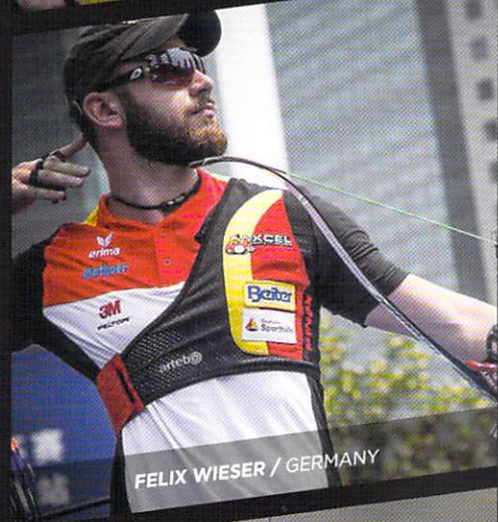
RYAN TYACK / AUSTRALIA



LISA BARBELIN / FRANCE



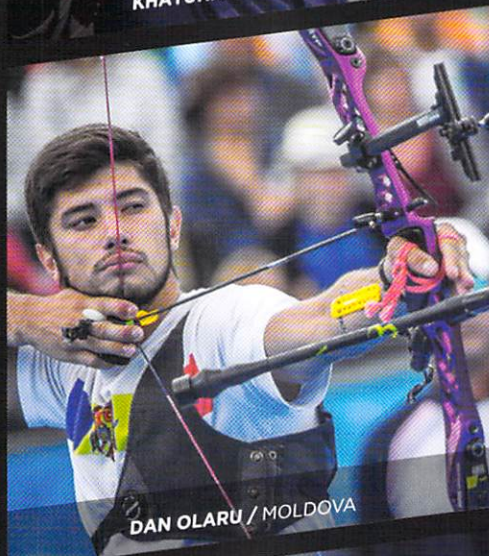
KHATUNA LORIG / USA



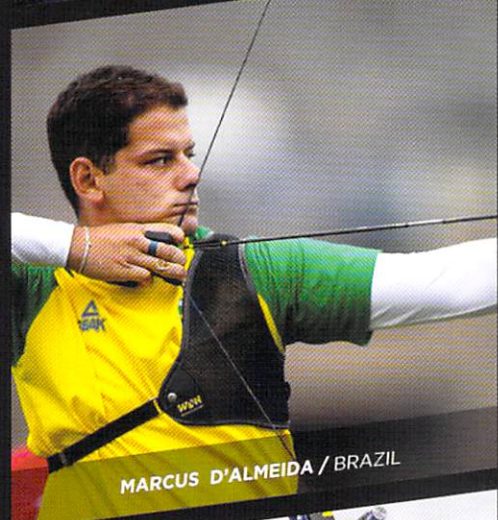
FELIX WIESER / GERMANY



AMEDEO TONELLI / ITALY



DAN OLARU / MOLDOVA



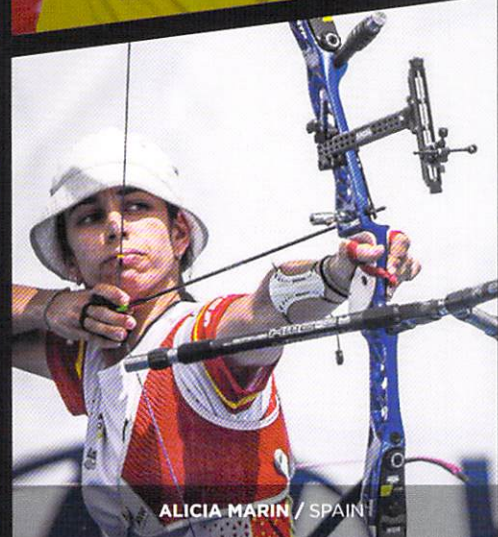
MARCUS D'ALMEIDA / BRAZIL



BRIAN MAXWELL / CANADA



NAOMI FOLKARD / GREAT BRITAIN



ALICIA MARIN / SPAIN



WIN&WIN ATHLETES





**WIN&WIN KOREA**

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