YAMAHA

1997-1998 YAMAHA ARCHERY

"Lightweight" coupled with "Stability at high speeds". And "Shooting comfort" added to "Strength". Heralding the arrival of Yamaha's new-generation "forged" aluminum handle.

SUPER FEEL FORGED

The aluminum construction provides a maximum weight of approximately 1.1 kg, while still providing maximum strength. This, the strongest of bows, is designed for men and women alike.

Heavy handles are a major burden on physical strength. On the other hand, a handle which is too light means poor balance and a loss of stability, and also a decrease in the effectiveness of stabilizers. As a continual leader in the international world of archery, YAMAHA has accumulated an extensive range of knowhow, with products such as the EOLLA gaining wide acclaim. We have continued this trend with the release of our very own aluminum handle.

Its name is the "SUPER FEEL FORGED".
The light weight of 1.1 kg provided by the aluminum nevertheless lets the handle achieve both high strength and high stability. This aluminum handle is the ideal next-generation product, allowing a degree of freedom which will suit both the advanced male and female archer as well as the beginner.

A single-forged structure is the secret

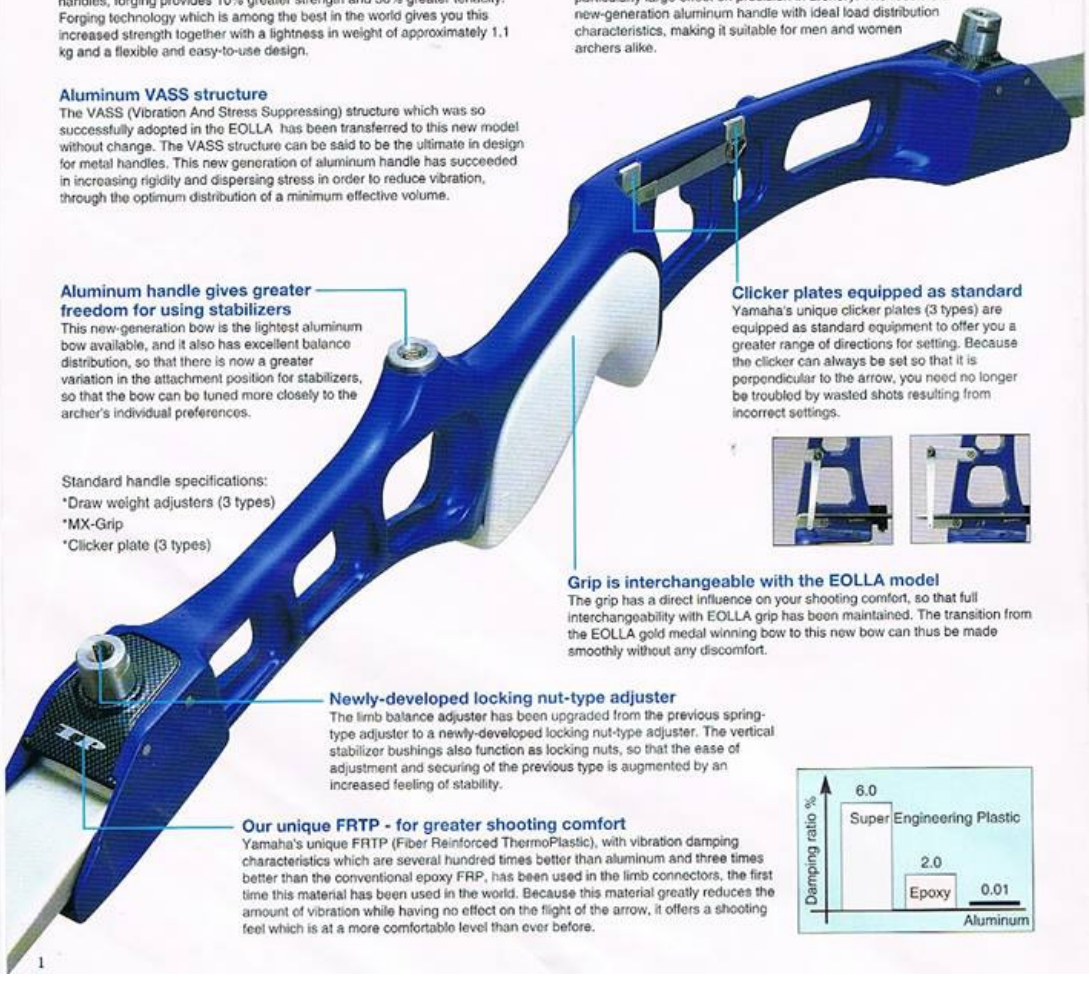
The secret to simultaneously obtaining both lightness and strength is due to Yamaha's unique forging technology which has first been used in out aluminum handles. The art of forging has always been a much boasted-of skill in Japan as its traditional swords testify. Compared to a standard precut handles, forging provides 10% greater strength and 30% greater tenacity. Forging technology which is among the best in the world gives you this increased strength together with a lightness in weight of approximately 1.1 kg and a flexible and easy-to-use design.

Computer-aided finishing

The strong and light aluminum handle which is born of our forging technology is finished using a computer-controlled NC milling machine in order to achieve the most exacting precision. Particularly close attention is paid to the limb connectors and the grip, two parts which have a particularly large effect on precision in archery. The result is a new-generation aluminum handle with ideal load distribution characteristics, making it suitable for men and women archers alike.

Aluminum VASS structure

The VASS (Vibration And Stress Suppressing) structure which was so successfully adopted in the EOLLA has been transferred to this new model without change. The VASS structure can be said to be the ultimate in design for metal handles. This new generation of aluminum handle has succeeded in increasing rigidity and dispersing stress in order to reduce vibration, through the optimum distribution of a minimum effective volume.



Aluminum handle gives greater freedom for using stabilizers

This new-generation bow is the lightest aluminum bow available, and it also has excellent balance distribution, so that there is now a greater variation in the attachment position for stabilizers, so that the bow can be tuned more closely to the archer's individual preferences.

Standard handle specifications:
*Draw weight adjusters (3 types)
*MX-Grip
*Clicker plate (3 types)

Clicker plates equipped as standard

Yamaha's unique clicker plates (3 types) are equipped as standard equipment to offer you a greater range of directions for setting. Because the clicker can always be set so that it is perpendicular to the arrow, you need no longer be troubled by wasted shots resulting from incorrect settings.

Grip is interchangeable with the EOLLA model

The grip has a direct influence on your shooting comfort, so that full interchangeability with EOLLA grip has been maintained. The transition from the EOLLA gold medal winning bow to this new bow can thus be made smoothly without any discomfort.

Newly-developed locking nut-type adjuster

The limb balance adjuster has been upgraded from the previous spring-type adjuster to a newly-developed locking nut-type adjuster. The vertical stabilizer bushings also function as locking nuts, so that the ease of adjustment and securing of the previous type is augmented by an increased feeling of stability.

Our unique FRTP - for greater shooting comfort

Yamaha's unique FRTP (Fiber Reinforced ThermoPlastic), with vibration damping characteristics which are several hundred times better than aluminum and three times better than the conventional epoxy FRP, has been used in the limb connectors, the first time this material has been used in the world. Because this material greatly reduces the amount of vibration while having no effect on the flight of the arrow, it offers a shooting feel which is at a more comfortable level than ever before.

EOLLA / SUPER FEEL FORGED & SUPER CERAMIC CARBON

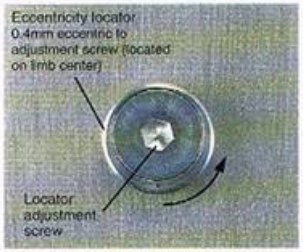
Power Recurve Construction for a Swift Increase in Shooting Accuracy.

The direction of flight of an arrow is decided the instant it is released from the string. Yamaha's newly developed Power Recurve construction controls string slippage at release with a recurve groove strategically located at the tip of the limb that corrects the arrow to maximum stability during that final instant prior to release, so that your arrow flies the same , every time.

Of course, the limb center point can be adjusted and fixed to the optimal position for the individual shooter.The high speed stability provided by the combination of the Power Recurve Structure and limb center point adjuster constitute the world's first single-piece construction recurve bow system in the world- and a new standard for a new age in archery.

Limb Center Point Adjustment Mechanism.

The limb center point adjustment mechanism prevents the lower part from moving to the right when the string center is adjusted to the upper part of the handle, or the upper part from moving to the left when the string center is adjusted to the lower part of the handle.



1. Loosen the adjustment screw
2. Rotate the locator counterclockwise
3. Move both the upper and lower limbs the same amount
4. Tighten the adjustment screw

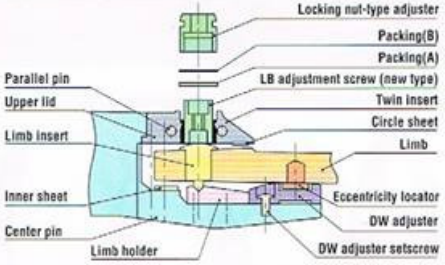
※Turn the adjustment screw clockwise to adjust in the other direction.
※The locator adjusts to a maximum of 90° in either direction.

The Double Adjust System for Your Own Private Bow

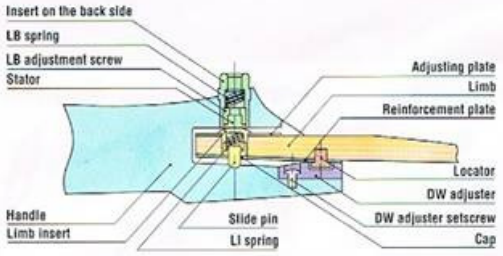
Adjustment system 1: By selecting from among three different draw weight adjusters, indicated pound weight may be changed up to a maximum of about 10%
Adjustment system 2: The limb balance adjusters at the top and bottom of the handle may be used to tailor the height up to a maximum of about 15 mm.

Another feature includes the most effective method ever of attaching the limb to the handle, the tackless insertion hub. This system allows pound limb balance to be maintained at the very most effective level for the individual archer.

SUPER FEEL FORGED handle



EOLLA handle



VASS construction for Maximum Handle Rigidity

The VASS (vibration and stress suppression) handle is a high rigidity handle structured specifically for the increasingly sophisticated needs of this age of ever lighter arrows and bow strings. VASS handle construction constitutes the pinnacle in magnediecast handle configuration, providing maximized effectiveness from the bare minimum of handle volume and optimal design allowed by maximized rigidity and stress dispersion characteristics.The result is a featherweight handle of minimal vibration.

SUPER FEEL FORGED

■SUPER FEEL FORGED HANDLE

Red Tonig | Blue Tonig | Black Tonig | Black | Silver | Red | Blue

EOLLA

■EOLLA HANDLE

SUPER CERAMICS CARBON LIMBS & SUPER FEEL LIMBS

■ SUPER CERAMICS CARBON LIMBS

■ SUPER FEEL TYPE G LIMBS

◆ SUPER FEEL FORGED HANDLE & SUPER CERAMICS CARBON LIMBS

Bow lengh	Combination		Super Ceramics Carbon
	Handle	Limbs	
66"	SR	Medium	34-50 lbs.
68"		Long	34-47 lbs.

- Master string height: 66" • 68": 8 1/2"
- Draw weight (Draw weight : measured at 26" from pivot point)

◆ SUPER FEEL FORGED HANDLE & SUPER FEEL TYPE G LIMBS

Bow lengh	Combination		Super Feel Type G
	Handle	Limbs	
64"	SR	Short	30-42 lbs. (every 2 lbs.)
66"		Medium	30-44 lbs. (every 2 lbs.)
68"		Long	34-42 lbs. (every 2 lbs.)

- Master string height: 64": 8 1/4" , 66" • 68": 8 1/2"
- Draw weight (Draw weight : measured at 26" from pivot point)

◆ EOLLA HANDLE & SUPER CERAMICS CARBON LIMBS

Bow lengh	Combination		Super Ceramics Carbon
	Handle	Limbs	
66"	SR/SL	Medium	34-50 lbs.
68"	LR	Medium	33-49 lbs.
68"	SR	Long	34-47 lbs.
70"	LR	Long	33-46 lbs.

- Master string height: 66" • 68": 8 1/2" , 70": 8 3/4"
- Draw weight (Draw weight : measured at 26" from pivot point)

◆ EOLLA HANDLE & SUPER FEEL TYPE G LIMBS

Bow lengh	Combination		Super Feel Type G
	Handle	Limbs	
64"	SR/SL	Short	30-42 lbs. (every 2 lbs.)
66"		Medium	30-45 lbs. (every 2 lbs.)
(68")		Long	34-42 lbs. (every 2 lbs.)
(66")	LR	Short	29-41 lbs. (every 2 lbs.)
68"		Medium	29-43 lbs. (every 2 lbs.)
70"		Long	33-41 lbs. (every 2 lbs.)

- Master string height: 64" : 8 1/4" , 66" • 68" : 8 1/2" , 70" : 8 3/4"
- Draw weight (Draw weight : measured at 26" from pivot point)

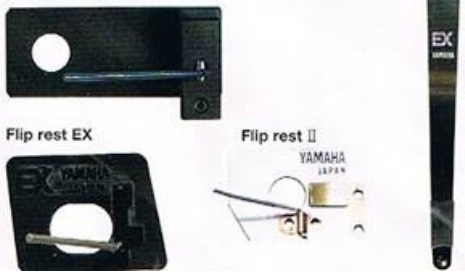
Archery Accessories

■ Grip EOLLA Grip

■ Clicker & Rest

TR-I rest

Clicker EX



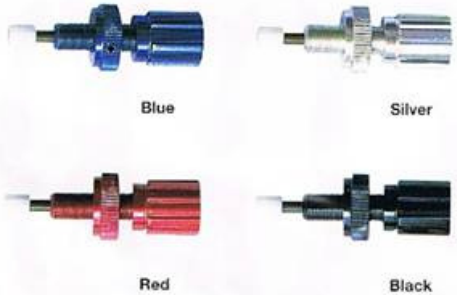
Flip rest EX

Flip rest II

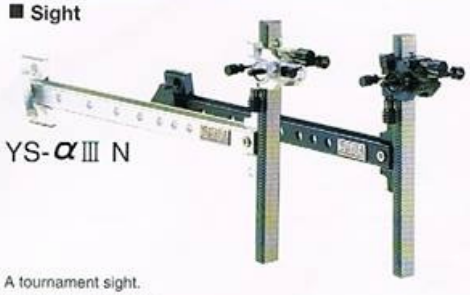
YAMAHA *Version*

■ Cushion plunger: N type

Adopted a flon - metal S coating that features smaller friction coefficient and moderate flexibility.Provides greater durability,eliminating any torsional deformation.



■ Sight



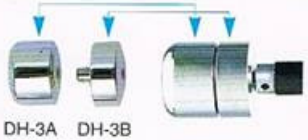
YS-αIII N

A tournament sight.
Firm against vibration,
the extension provides maximum stability
against cross wind interference.

■ Y-balancer: STD

■ TDM

■ Damper Head



DH-3A DH-3B

■ Un-Resonant Stabilizer

URSC - 26 / 28 /30F

Carbon 26", 28", 30F

URSW - 10 / 12 / 14

Carbon 10", 12", 14"

URSE - 03 / 04

Carbon 3", 4"

Colour variation for URSC / URSW / URSE
(Available colours by model)

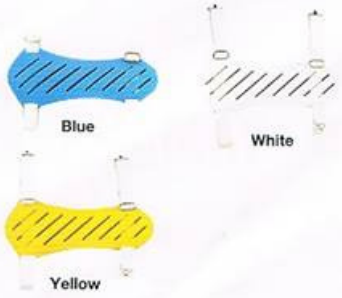
Rod	Black	Silver	Blue	Red
URSC - 30F	○	○	○	○
URSC - 28	○	○	○	○
URSC - 26	○	○	×	×
URSW - 14	○	○	×	×
URSW - 12	○	○	○	○
URSW - 10	○	○	○	×
URSE - 04	○	○	○	○
URSE - 03	○	○	×	×

■ Chestgard

White

■ Armguard

Armguard III (AG-3)

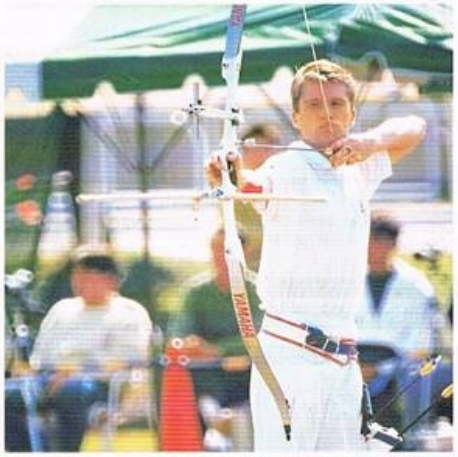


Blue

White

Yellow

■ YAMAHA Archery Stand



BARCELONA '92 GOLD MEDALIST
SEBASTIEN FLUTE (FRA)

FÉDÉRATION FRANÇAISE
DE TIR A L'ARC

Official Equipment Supplier to The French Team.

YAMAHA

YAMAHA CORPORATION
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