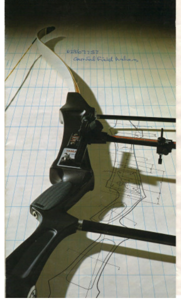
YAMAHA ARCHERY



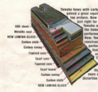
New Take Down II Series

Yamaha Newly Introduces Higher Performance Limbs: the "II" Symbol Enters a Brand New Era!

The news is that Yamaha's Takedown II series is now better than ever with the adoption of the FRP NEW LAMINA-GLASS limbs in addition to new CARBON II limbs for the YTSLII. Among other things, these superior limbs offer far greater resistance to distortion. They incorporate an innovative configuration developed with careful consideration for both the physical and psychological profiles of archers. This configuration has been adopted for the whole lineup, including the YTSLII, proving that there's only one integrated design configuration that's tops in on-target performance. From Yamaha.
The 'II' symbol engraved on all the new models gives you the message that a new 'II' era of archery is about to begin.

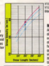
Carbon Graphite II Limbs

New Carbon Cloth/Roving Quadruplicate Laminated Construction: Opening Up a Whole New Archery Era.



Yamaha bows with carbon graphite limbs have gained a great reputation among the world's top archers. New carbon graphite materials just right for archery were developed by Yamaha and were first used successfully in the limbs, proving their outstanding on-target performance world-wide.
Now, Yamaha has developed a new limb construction deriving even greater maximum performance from carbon graphite and featuring smaller specific gravity and extra responsiveness.
This is an epoch-making achievement that assures superior archery performance in all aspects. Higher speed, greater toughness, more accuracy—with no worries about distortion or twisting.

Higher speed
Carbon graphite's extra responsiveness gives higher initial arrow speed at the same drawing weight. Which means that the arrow's flight trajectory is lower and less influenced by external factors such as wind, etc. due to its shorter flight time. It means you can remarkably improve your shooting.



More accuracy
An original limb configuration, newly developed by Yamaha, achieves maximum on-target performance due to a stringent design approach in materializing to the fullest the characteristics of carbon graphite: extra resilience, outstanding vibration absorption and toughness. Resulting in the new CARBON II limbs. Try them to experience great on-target precision along with supreme arrow flight.

Greater toughness
The newly developed configuration completely does away with any concern that carbon limbs may still be low in resistance to distortion. Two unique layers of carbon cloth protect the carbon roving giving increased responsiveness. Over them, the new LAMINA-GLASS sheet is laid assuring both extreme toughness and directional precision.

Carbon cloth

Carbon roving

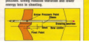
The above figure shows a comparison in flight distance until the arrow's trajectory drops 1 meter after being released horizontally at the shooting angle of 0°. It indicates test-proven "better arrow flight and more accurate flight course" with Yamaha Carbon II.

Fiberglass II Limbs

New Lamina-glass Construction for No Distortion: Ideal, Innovative FRP Limbs.

New Yamaha introduces its newly developed NEW LAMINA-GLASS limbs with flex-core. They're a real breakthrough to the farthest limits of FRP technology, made possible by Yamaha's completely integrated approach ranging all the way from raw materials through finished products.
These new limbs exhibit the kind of extra responsiveness and resilience that's almost the equal of regular carbon limbs due to their new multiple laminated construction of FRP roving and cloth. They give superb directional stability also thanks to their perfect uniformity in materials. In addition, their extreme toughness does away with worries about distortion.
These new FRP limbs that give a feeling both soft and sharp with a delicate new touch, are now featured on all Takedown II models. Offering you an exceptionally improved Yamaha archery lineup for this year.

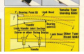
New Set-Positioning Design Assures Ideal Shooting Position for Supreme Accuracy
Yamaha conducted exhaustive research on the interrelationship between the bow's center point, the pivot point and the arrow pressure point. The result is ideal set-positioning with the pivot point 5mm below the center point and the arrow pressure point 35mm above the center point. Putting the pivot point and the arrow pressure point as close together as possible. Giving reduced vibration and lower energy loss in shooting.



Slim, Lightweight Handle Designed for Bow Balance.
The handle is a vital factor in a bow's balance. Yamaha designed a slender lightweight handle for the II series by decreasing the weight mostly in the center part and not in the handle's upper and lower sections. This gives the advantages of a lightweight handle with the most efficient weight distribution for superior bow balance.

An Ideal Stabilizer System
The YTSL II, YTD II and YTS II are all already designed for superior stability. A combination of their own inherent stability plus ideal stabilizer systems for each model assures superb vibration absorption. The YTSL II comes with built-in dampers. Optionally available for the YTD II and YTS II are 40 degree setting front twin stabilizers.

The Tackless Insertion Hub: Most Advanced Takedown System
Yamaha's unique tackless insertion hub construction has been proven by superior arrow flight and on-target accuracy in longer distance shooting. Extra energy accumulated due to the lever principle makes initial release speed higher for better arrow flight. Shocks at instant of shot are absorbed by the entire limbs, reducing vibration in the bow. This original system joins the handle and limbs extra firmly for more power and control. And unlike other takedown systems such as a screw type, there's no cause for concern about distortion, stress or twisting.



YTSL II

64/66/68/70

The world's top-of-the-line not just Yamaha's top line. Carbon Graphite limbs are your #1 choice.

Higher speed, greater toughness and more accuracy—the YTSLII is not only tops in all these among archery bows. It also perfectly blends all three of these factors. You have a choice of CARBON GRAPHITE II limbs made of the ideal materials or the innovative NEW LAMINA-GLASS limbs to let you exactly match all advanced skill levels. Also available is a wide choice of lightweight handles which exhibit superior performance when they're fully equipped for target archery, plus exclusive built-in dampers giving greater stability. All are the results of Yamaha's pursuit of ultimate perfection in archery equipment.

● Draw Weight

Bow Length		Draw Weight
64"R, 66"R	FRP	25,28,30—46lbs.
	Carbon	32—46
66"L, 68"R&L	FRP	25,27,29—45
	Carbon	31—45
70"R&L	FRP	30,32,34—46
	Carbon	35—45

(Draw weight: measured at 26" from pivot point)

● YTSLII: Handle/Limb Combination

Handle / Limb	RIGHT SR	RIGHT LR	LEFT LL
Short	64	(66)	66
Medium	66	68	68
Long	(68)	70	70

SR: Short Right, LR: Long Right, LL: Long Left

● String Height
64": 8¹/₈—8¹/₄"
66": 8¹/₈—9"
68": 8¹/₂—9"
70": 8³/₄—9¹/₄"

● Bow Weight
64/66" 1.7 kg
68/70" 1.75 kg
(Strung with twin stabilizers)

● Handle
Type: SR,LR,LL
Color: Pearl white, orange, blue, yellow, black (mat black)
Material: Magnesium diecast
Grip: ABS low grip
Center shot-cut: 8mm
Stabilizer insert: Center/M8, Back side/M6 (Upper & Lower),
Face side/M6 (Upper & Lower), Counter/M6
Tap: For clicker and sight extension M4

● Limb
Finish: (FRP) Urethane clear
(Carbon Graphite) Silver metallic coating

● Supplied Accessories
Twin stabilizers (10").
Cushion plunger, Spanner set

● Optional Accessories
Clicker, Flip II rest, Y-Balancer, Center stabilizer & other stabilizers.

YTD II

64/66/68

Soft shooting feel. Extra handling ease. A real tournament winner for you.

The YTDII is a compact, lightweight bow with the YTSLII's toughness, speed and precision. Equipment includes: a lightweight, easy-to-use short handle; a twin front stabilizer giving greater efficiency; innovative FRP NEW LAMINA-GLASS limbs featuring extra responsiveness and resilience. Here's the ideal, extra light handled tournament winning bow.

● Draw Weight
YTD II 64" 26—40lbs.(two lbs. increment)
YTD II 66" 26—44lbs.(do.)
YTD II 68" 26—44lbs.(do.)
(Draw weight: measured at 26" from pivot point)

● String Height
64" 7³/₄—8¹/₄"
66" 8¹/₄—8³/₄"
68" 8¹/₂—8³/₄"

● Bow Weight
1.2 kg (Strung without stabilizer)

● Handle
Type: R or L
Color: Pearl white, orange, yellow
Finish: Polished pearl tone
Material: Magnesium diecast
Grip: ABS low grip
Center Shot-cut: 8mm
Stabilizer insert: Center/M8, Back side/M6 (Upper & Lower), Face side/M6 (Lower), Counter/M6
Tap: For clicker and sight extension M4

● Limb
Construction: FRP/Wood taper-laminated
Finish: Urethane clear

● Supplied Accessory
Cushion plunger

● Optional Accessory
Twin stabilizer (10")

YTS II

64/66

An easy-shooting bow for archers with competition in mind. Assuring a quicker advance in skill for those moving up.

The YTSII's design objective was aimed at those who put a priority on speeding up their advance in skill and it features extra handling ease. It's available in a wide choice of draw weights to meet the requirements of beginners, women or children and its equipment is interchangeable with the YTDII's. So, you can even use the limbs for the YTDII as you move up to a higher skill level. Just the bow to introduce beginners to the enjoyment of all the different kinds of archery.

● Draw Weight
YTSII 64" 15,20,25, 30lbs.
YTSII 66" 20,25, 30,33,36lbs.
(Draw weight: measured at 26" from pivot point)

● String Height
64" 8¹/₄—8³/₄"
66" 8¹/₂—9¹/₄"

● Bow Weight
1.1 kg (Strung without stabilizer)

● Handle
Type: R or L
Color: Orange, blue
Finish: Mat
Material: Magnesium diecast
Grip: ABS low grip
Center shot-cut: 8mm
Stabilizer insert: Back side/M6 (Upper & Lower)

● Limb
Construction: FRP/Wood straight laminated
Finish: White dull

● Supplied Accessory
Plastic arrow rest

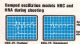
● Optional Accessory
Twin stabilizer (10")

Note: Avoid using a "KEVLAR" string.

Here's a quality selection of Yamaha accessories carefully tailored for you and your bow.

Yamaha's exclusive carbon technology is built into stabilizers.
The performance of stabilizers is now greatly advanced thanks to the superb qualities of Carbon Graphite featuring light weight and superior vibration absorption/diffusion. Lightweight stabilizer models HRC-25/30 and HRB-25/30 are available in a wide range of weight variations. They're the perfect ones for the new 'II' era—just right for the latest advance in archery.

Damped oscillation models HRC and HRA during shooting

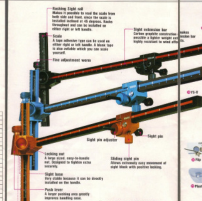


HRC-25 (Carbon) Weight: 184 g.
HRA-25 (Aluminum) Weight: 218 g.
HRB-25 (Weight: 180g.): Almost similar to the HRC in performance.

Only Yamaha offers you such a wide variety of stabilizers. Available in four different colors. Choose your favorite assortment.
HRC: Made from carbon graphite. This top quality stabilizer boasts light weight and superior vibration absorption by making the fullest use of carbon characteristics.
HRB: Composite of carbon graphite and fiberglass. Stabilizer is excellent in vibration absorption/diffusion.
HRA: Made from aluminum. Simple in construction but high in performance stabilizer.
Y-Balancer: Fully flexible in setting angle and rod lengths. Assuring the ideal weight-balance that's just right for you.

	No.	Model	Description
Center Rod Stabilizer	1	HRC-25	Carbon Graphite25"
		HRC-30	Carbon Graphite30"
	2	HRB-25S	Carbon/Glass Silver25"
		HRB-30S	Carbon/Glass Silver30"
	3	HRB-25B	Carbon/Glass Blue25"
		HRB-30B	Carbon/Glass Blue30"
	4	HRB-25O	Carbon/Glass Orange25"
		HRB-30O	Carbon/Glass Orange30"
	5	HRB-25Y	Carbon/Glass Yellow25"
		HRB-30Y	Carbon/Glass Yellow30"
	6	HRA-25	Aluminum Black25"
		HRA-30	Aluminum Black30"
	7	HRA-25A	Aluminum Silver25"
		HRA-30A	Aluminum Silver30"
	8	HRA-25B	Aluminum Blue25"
		HRA-30B	Aluminum Blue30"
	9	HRA-25O	Aluminum Orange25"
		HRA-30O	Aluminum Orange30"
Y-Balancer	[illegible]	SRD-600	Black
	[illegible]	SRD-600A	Silver
	[illegible]	SRD-600B	Blue
	[illegible]	SRD-600O	Orange
		SRD-60	Black
		SRD-60A	Silver
		SRD-60B	Blue
		SRD-60O	Orange
Flexi-Damper & Damper Head	[illegible]	FD-80	Black
	[illegible]	FD-80A	Silver
	[illegible]	FD-80B	Blue
	[illegible]	FD-80O	Orange
	[illegible]	DH-A	
	[illegible]	DH-B	
	[illegible]	DH-C	
	[illegible]	DH-D	
	[illegible]	DH-2A	
	[illegible]	DH-2B	
Swing Rod	[illegible]	R-0912	Black 12"
	[illegible]	R-0912A	Silver 12"
	[illegible]	R-0912B	Blue 12"
	[illegible]	R-0912O	Orange12"
		R-0910	Black 10"
		R-0910A	Silver 10"

	No.	Model	Description
Swing Rod		R-0910B	Blue 10"
		R-0910O	Orange10"
		R-0903	Black 3"
		R-0903A	Silver 3"
		R-0903B	Blue 3"
		R-0903	Orange3"
Arrow Rest	[illegible]	Flip II	
	[illegible]	Plastic Rest	
Bow Sight	[illegible]	YS-V	Black Blue Orange
	[illegible]	YS-III	
	[illegible]	Sight Adaptor II	
Grip	[illegible]	Low	White Brown Black
	[illegible]	Medium	White Brown Black
	[illegible]	High	White Brown Black
Archery Case II	[illegible]	M/L	Brown
Arrow Case	[illegible]	AC-2L	White Brown
		AC-2LL	White Brown
Fistmele Gauge	[illegible]		Black
	[illegible]		Red
	[illegible]		Gold
String		S-64	10, 12STR.
		S-66	Ditto.
	[illegible]	S-68	Ditto.
		S-70	10, 12STR.
String of Kevlar		S-64K	8, 10STR.
		S-66K	8, 10, 12STR.
	[illegible]	S-68K	Ditto.
		S-70K	Ditto.
Armguard	[illegible]	AG-2	White Brown
Chestguard	[illegible]	CG-2	S.M.L
Quiver	[illegible]	TQ-1	
	[illegible]	HQ-2	White Brown
Tab	[illegible]	T-2	
Cushion Plunger	[illegible]	CP-2S	
Clicker	[illegible]		
Bow Stringer	[illegible]	BS-2	
Others: Stabilizer Adaptor	[illegible]	M-66	
	[illegible]	M-68	
		M-88	
Others: Stabilizer Insert	[illegible]	LM-8	
	[illegible]	SM-8	
Spanner Set II	[illegible]		



The best-in-its-class bowsight made possible with Carbon Graphite

YS V

The new Yamaha model YS-V bowsight. Giving you 4 new design refinements to back up its epoch-making on-target accuracy.
First: the entire bowsight is greatly reduced in weight thanks to the use of carbon graphite.
Second: a new top-light bowsight construction cuts down tremendously on inertia moment by putting the sight rail closer to the bow. Preventing improper bow movement like rolling.
Third: a long extension system further assures better aiming accuracy. Has a 13 inch extension adjusting range, permitting free setting as you like.
Fourth: a large-sized locking nut assures more accurate handling and easier setting....Other sophisticated features include a slim extension bar hightly resistant to wind affects and a newly designed sight pin that stays firmly and precisely in setting.

sports YAMAHA

Where the Winning Edge Is Engineering

For details please contact

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