

Browning Bows

Every Browning bow is a composite of fiberglas and wood because such construction achieves far and away the most desirable combination of strength, durability, smooth action and beauty. In this design layers of the two materials are superposed in various ways then bonded together by special adhesive agents under heat and pressure to form a tough, dense laminated strip.

Since the greatest stresses in a bow occur in the back and front (face) surfaces, these two layers in all Browning bows are made of specially designed fiberglas. In it the majority of the fibers run in the same direction as the length of the bow which results in the most favorable bending properties. The special fiberglas used by this Company is unsurpassed

in strength and quality.

The stresses in a bow also vary along the length of each limb, being greatest where each of the limbs merges into the handle. In order to distribute these stresses over the length of the limbs, the natural shape of Browning bows when unstrung tend to follow the form they will take when strung around the handle area, and to invert away from that form farther toward the end of each limb.

All the bows have some degree of recurve. The two ends or tips of the bow are curled away from the curve of the strung bow. This permits more flexion of the bow tips where ideally most of the movement of the

bow should be concentrated for faster, smoother action.

Each bow has a center sight window cut in it which permits easy alignment on the target and at the same time provides proper guidance for

the arrow without offering undue resistance to its flight.

All models are provided with the finest waxed dacron multiple strand string of the proper length. The loop on each end is wound in black and the serving or arrow engaging portion of the string is in gold which blends

harmoniously with the white color of the dacron itself.

The Browning bow, however, is not only a matter of the finest materials and the latest techniques in lamination and construction. As is traditional in all Browning products, these are supplemented by the individual attention and craftsmanship of skilled workmen to give every bow the final touches of excellence and luxury that only hand work can give. Thus every bow is individually hand tillered and aligned, i.e. the two limbs are adjusted to take the same amount of bend which gives a balanced draw and any deviation is removed in them which would tend to twist the bow action out of line.

Only selected hardwoods are used in the handle risers (handle body) and blended to provide rich contrasting wood patterns to harmonize with the colors of the bow back and face. These risers are hand rubbed and sanded to a lustrous finish. The whole bow is then hand sprayed with a clear coat of tough epoxy resin which protects it from humidity and exterior damage yet allows the beauty of the wood and glass to shine through.

Eleven models are available, one for every need as more specifically

described on the following pages.





-Ulympian

The Olympian is destined for the archer who wants the very finest in a bow for either target or field shooting. It incorporates a host of novel features designed to make it as smooth, fast yet powerful as possible.

The core of the bow or portion of the bow

The core of the bow or portion of the bow between the back and face fiberglas layers is made of two laminations each consisting of one thin layer of bilateral fiberglas cloth sandwiched between two layers of select maple veneer. The back of the bow is reinforced along two thirds of its length by a supplementary strip of longitudinally oriented fiberglas which allows the bow to absorb more stress at these points of greatest stress concentration and yet preserve light limbs for fast action at a given draw weight.

The nocks or slots for the bow string cut in each tip are reinforced by wood inserts *plus* rosewood overlays to give maximum nock strength.

The handle is shaped in a graceful yet comfortable full pistol grip with accompanying thumb rest. The handle riser is made of beautiful Brazilian Rosewood hand polished to bring out the full grain of the wood. This is complemented by overlays of Rosewood on the face of the bow to match the handle.

The Olympian is offered in three separate lengths to suit all tastes.

Please see Specifications for further information.





The Trophy model is designed to appeal particularly to the target shooter who wants smooth delivery and the flatest possible trajectory.

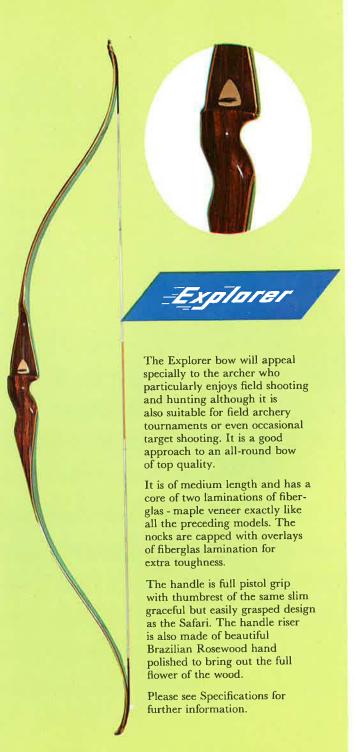
The core of this bow consists of two fiberglas cloth - maple veneer laminations just as in the Olympian model. The fiberglas strips in these laminations add strength to the limbs and in addition insure stability in the bow under any atmospheric conditions. The wood portions dampen bow vibration and make the bow less heavy than would an all plastic construction.

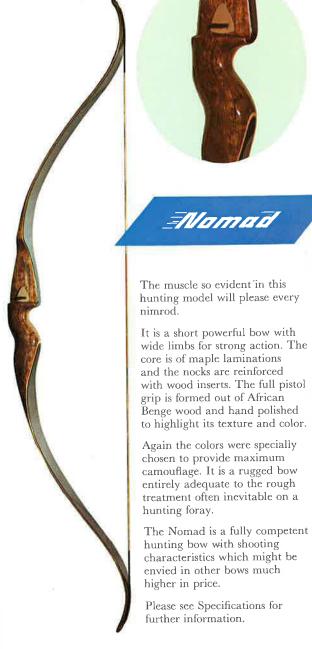
The nocks are reinforced by overlays of fiberglas laminations for long life without sacrifice of fast movement in the tips.

The handle riser is made of strikingly somber East Indian Rosewood, hand finished to bring out its full color. It has a full pistol grip with thumbrest which facilitates positioning the hand in the same manner for each shot, so important for target work.

It is a fast yet pleasant shooting bow with the smooth draw essential to accurate shooting. Please see Specifications for further information.















further information.





material is African Benge wood again hand finished for fullest beauty.

No better equipment could be found to introduce a child to the fun of archery.

Please see Specifications for further information.

Bow Specifications

MODEL	LENGTH	DRAW WEIGHT RANGE AVAILABLE (IN LBS.)*	RECOMMENDED DRAW	RECOM- MENDED MAXIMUM DRAW**	FISTMELE OR BRACE HEIGHT	STRING LENGTH	LENGTH OF SIGHT WINDOW	COLOR OF BACK OF BOW***	COLOR OF FACE OF BOW***
АРАСНЕ	48′′	10 - 15 - 20	FROM 20" TO 24"	28"	7½"	43"	41/2"	RANDOM	RANDOM
MOHAWK	54′′	FROM 20 TO 35	FROM 22" TO 26"	30′′	81/4"	501/4′′	4½"	RANDOM	
SPARTAN	62′′	FROM 25 TO 45	FROM 22" TO 28"	32"	91/2"	57½′′	5″	IVAINDON	WHITE
MEDALLION	64"	FROM 25 TO 55	FROM 24" TO 29"	33″	9½"	60′′	6¼″	Stier of the	WHITE
NOMAD	54"	FROM 30 TO 65	FROM 24" TO 30"	32"	9¾"	491/4′′	51/4"		WHITE
DIANA	64′′	FROM 25 TO 40	FROM 22" TO 26"	33"	8¾′′	591/4′′	6½"		
APOLLO	66′′	FROM 30 TO 60	FROM 26" TO 31"	33"	934"	611/4"			
EXPLORER	62"	FROM 30 TO 60	FROM 24" TO 30"	33"	934"		6¾"		
SAFARI	54′′	FROM 30 TO 65	FROM 24" TO 30"	32"	934"	56¼′′	5¾′′		
TROPHY	66′′	FROM 30 TO 60	FROM 26" TO 31"	33"	91/2"	491/4′′	51/4′′		
OLYMPIAN	64′′	FROM 30 TO 60	FROM 24" TO 29"	33"	20.4	61¼′′	61/2"	WHITE	WHITE
OLYMPIAN	66"				9¼"	58¼′′	6¼" =		
		FROM 30 TO 60	FROM 26" TO 31"	33"	91/2"	61¼′′	6½"	CHOICE OF EITH ABOVE O	ER COMBINATION R BELOW
OLYMPIAN	68′′	FROM 30 TO 60	FROM 28" TO 33"	33''	9¾′′	63¼′′	7"	WHITE	WHITE

All bows have a full working recurve except the Mohawk and Apache models. The Olympian, Trophy, Explorer, Safari, Apollo and Diana are furnished in a rich wine red soft cloth bag. All models except the Apache are sold with a brush type arrow rest which can easily be removed by those who prefer other types of arrow rests or none at all: *All draw weights are taken at a draw of 28" except the Apache and Mohawk which are taken at 24". All bows are offered for either right or left handed shooters. **These are recommended maximum draw lengths for pleasant performance. As far as the resistance of the bow is concerned, it may be solicited to any draw length.

***The face of the bow is defined as the surface nearest the string when bow is strung. The back is the opposite surface.

Target Tip

Browning

Hluminum Hrrows



Broadhead Tip

Fiberglass Arrows



Field Tip

Browning

Select Wood Hrrows

Browning Hrrows

The essential complement to any fine bow is a set of arrows which will respond with fidelity to the bow's directions. Unless proper selection of arrows has been made and unless equivalent quality has been built into them, no archer will obtain completely satisfactory results.

The Browning Company, therefore conducted extensive tests to determine how to make each arrow as accurate and yet indestructible as possible. Although a great deal remains to be learned about the ballistics of an arrow, we were able to set specifications of performance to our own satisfaction and to incorporate them into the manufacture of Browning arrows.

There are three principal materials currently in use for the shafts of arrows, wood, aluminum, and fiberglas; and Browning offers a top line of arrows in each of these materials. There is no real economy in buying any but the finest arrows. In Browning arrows only the very best components and materials are countenanced.

Although the shaft material varies, certain general properties characterize all Browning arrows. The straightness of every single shaft is inspected and only true ones are allowed to be processed.

Since uniformity of the qualities affecting arrow flight is so essential in obtaining close groups with successive arrows, every finished arrow (except the children's arrow) is weighed on sensitive scales and grouped or "matched" in collections of similar weight.

The stiffness or "spine" of an arrow is another important factor. This measures the arrows ability to bend slightly around the bow for straight flight and this in turn is related to the strength of the bow. The stronger the bow the more shock it receives and the stiffer the arrow should be. Each Browning arrow (except Children's) is measured for spine and grouped in sets with spines corresponding to similar bows (within 5 pounds draw weight).

The alignment of the axis of the nocks with the axis of the shaft is another element requiring special attention in order that the thrust of the bow string will be accurately transmitted along the axis of the arrow. Assembly of the nocks of Browning arrows is done in special jigs which assure such correspondence.

The feathers used to stabilize each arrow are shaped to provide the best flight characteristics and are durably bonded to the shaft in a helical "fletch" which is believed to improve stability in the air. All arrows have a three feather fletch.

Nor as usual in Browning products, has the appearance of the arrow been forgotten. All arrows including children's arrows are hand crested in attractive patterns available in six different colors as shown on the succeeding pages. The feathers used are dyed in colors to match the crest colors. The shafts are hand rubbed for extra smoothness.

Even though arrows must necessarily be produced in quantity, every Browning arrow receives those extra touches of hand craftsmanship which give them a custom appearance and performance.

Browning aluminum shaft arrows are the finest which can be obtained for target shooting. They are lighter in weight and thus will attain a higher velocity with any given bow than other types. This in turn will keep the arrow more precisely on course over the distances encountered in target work.

In addition the metal shaft material can be produced to very close tolerances of dimension and thus an inherent uniformity is available in weight and spine to assist achievement of a very close match among units in a set. Browning aluminum arrows are matched to within 2 grains (1 grain equals 1/480 of an ounce) in weight.

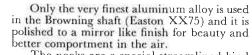
Browning Fiberglas arrows are the toughest and most durable that can be acquired. They will resist being shot into a blank wall at short range without breaking or even acquiring a permanent deformation.

Their weight is intermediate between that of aluminum and wood which makes them an excellent compromise choice for all around shooting. They are fast for target and field work and yet have the necessary mass and attendent momentum or stopping power as a hunting

The Browning Company manufactures its own fiberglas shaft and in this connection is introducing an exclusive all white shaft which is

Wooden arrows are the most commonly utilized since a set of them with excellent performance can be obtained at a more nominal cost than the two preceding types. Although they will tend to break more easily than aluminum or fiberglas they need not be inferior in all around flight performance. In fact for hunting purposes the heavier wooden arrow will have more penetrating power to stop game in its tracks.

Browning wooden arrows have been designed to achieve maximum results. The shafts are of selected Port Orford Cedar which is



The nocks are a special streamlined kind made of tough nitrate. They are practically unbreakable.

The feathers are fully dyed best quality turkey feathers with two white vane feathers and one "cock" or reference feather in the dominant color of the crest.

tough, durable and impervious to fading in the sun. This shaft provides a suitable background for the hand crested patterns on each arrow. All these arrows are finished with a clear epoxy resin which protects the arrow surfaces and at the same time enhances their beauty.

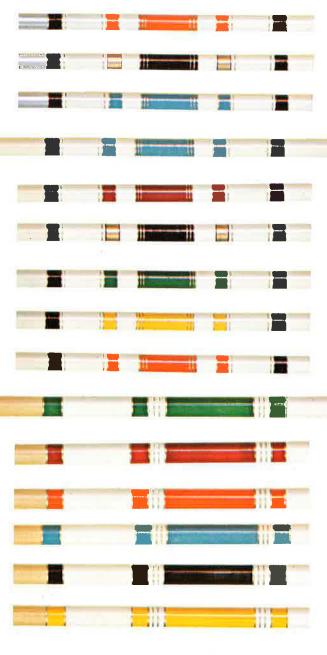
The nocks used are the same streamlined type made of nitrate used on the aluminum arrow. Two of the feathers are dyed completely white while the cock feather follows the dominant color of the crest.

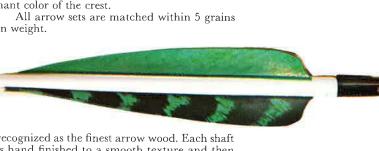
in weight.

recognized as the finest arrow wood. Each shaft is hand finished to a smooth texture and then the surfaces protected against moisture by two

separate coats of laquer. The nocks are of heavy duty plastic. Two feathers retain the barred effect of turkey feathers but are dyed in the color of the hand painted crest. The cock feather is completely dyed in the color of the crest.

All Browning adult wooden arrows are matched in spine and weight.

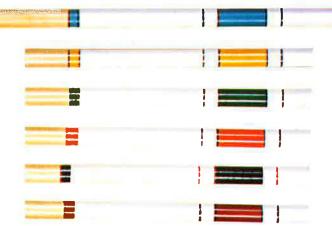




Browning Children's Arrows

Children's arrows need not be as carefully doctored as their adult counterparts since minute accuracy will not be expected of most youngsters. They are not, therefore, matched in weight to such close tolerances, nor are they grouped in spine range. With the light bow used by most children, the arrows will perform well with the weight and spine differences allowed.

None of the foregoing should be taken to mean that the Browning children's arrow is not carefully made. It is more than adequate for all children's requirements. The same Port





Orford Cedar as on adult arrows is used in all the children's units. The same helical type fletching is placed on them with the same color combination to match the crest.

The crest is simplified but yet attractive and placed by hand on each arrow. The nocks are a miniature version of the adult nock made out of the same plastic found on the wooden adult arrows.

The point is of the target type but not quite as sharp as the adult target point.

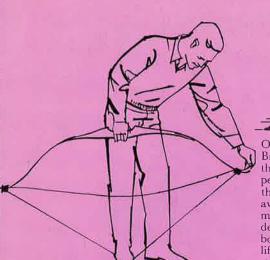
Arrow Specifications

TYPE	LENGTHS AVAILABLE	SPINE AVAILABLE (Expressed in terms of draw weight of bow for which designed)	POINTS AVAILABLE			
CHILD'S	24''	NO SPINE DEFINED	CHILD'S TARGET POINT			
WOOD	FROM 24" TO 33" IN INCREMENTS OF 1"	FROM 20 POUNDS TO 70 POUNDS IN INCREMENTS OF 5 POUNDS.	TARGET, FIELD, BLUNT, 4 BLADE SUPER HILBRE 3 BLADE HIGH PRECISION AND UNPOINTED BROADHEAD.			
FIBERGLAS	FROM 24" TO 33" IN INCREMENTS OF 1"	FROM 20 POUNDS TO 70 POUNDS IN INCREMENTS OF 5 POUNDS.	TARGET, FIELD, BLUNT, 4 BLADE SUPER HILBRE 3 BLADE HIGH PRECISION AND UNPOINTED. BROADHEAD.			
ALUMINUM	FROM 27" TO 30" IN INCREMENTS OF 1"	FROM 25 POUNDS TO 55 POUNDS IN INCREMENTS OF 5 POUNDS.	TARGET, FIELD OR UNPOINTED.			

Flu-Flu arrows are also offered with wood or fiberglas shafts and incorporate special feathers to attenuate range for safer shooting in confined spaces or at short range for birds and small animals.

All arrows are ordinarily sold in sets of one dozen except children's arrows.

Arrows for hunting points are cut one inch longer than those with target, field, or blunt points.



Browning Ar<mark>chery Accessories</mark>

The Browning line of archery accessories comprizes the basic accoutrements which are necessary for full enjoyment of the archery sport. All accessories in the line are of the finest materials crafted by competent specialists.

Browning BOW STRINGER

One of the first things which impressed Browning technicians in the archery field was the extreme difficulty encountered by many people in stringing their bows. This is because the classic methods used apply the body's force awkwardly and are not sufficient to set powerful modern reflex bows. Accordingly, Browning developed an exclusive method of stringing the bow which will allow any average person to just lift up on a pre-arranged stringer system to string the strongest bow with ease. In addition, it will positively prevent twisting the bow limbs during stringing which can so often completely ruin a bow. The stringer is nevertheless inexpensive and can be carried in anyone's pocket.



Bow shooters have quickly discovered that the addition of a sight to their bow will dramatically improve their shooting. The exclusive Browning bow sight incorporates the latest features in such equipment. It has two sliding scales, one of which may be graduated by the shooter for different ranges and the other which will reset this scale for other types of arrows or for a new bow string. The sighting reticle is removable so that different forms can be used to make the sight useful for target, field or hunting purposes.

Unlike most bow sights it is attractive in appearance and can be easily attached to any bow either right or left handed.



Browning Nocking Point INDICATOR

For accurate shooting it is important to accurately locate the point on the bow string which will be used as a reference in nocking each arrow. Former methods are crude at best, but Browning for the first time provides a simple little instrument which will automatically locate this point. Grooves for the arrow and string will show the true intersection of the two at right angles and will locate any set distance above or below it.



Browning GLOVES

Browning archery gloves are offered in top grain leather durably stitched for long wear. Two models are made, one in brown leather for men and the other in white leather for ladies. Gloves in each model are offered in three sizes, small, medium and large. The band clasp is adjustable.

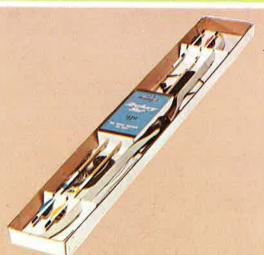
Browning ARMGUARDS

Since an armguard must take considerable punishment, the Browning guard is made out of tough and attractive vinyl which is more resistant to abrasion than leather. The center section is backed by a steel strip to absorb most of the shock of the twanging string. Three models are available, one for men in brown, one for ladies in white and one for children in black. The elastic adjustable straps will accommodate a wide range of forearm sizes.



Browning TABS

Browning offers a double layer finger tab made of top grain cow leather with just the right texture for smooth let-off.



Browning

APACHE BOW SET

To facilitate the introduction of children to the archery sport with equipment which will encourage their best efforts, Browning offers a set containing one Apache bow, four children's arrows, one child's armguard and a buffalo target. It all makes an attractive package which will delight any youngster from five to eight years old.



Browning Accessories



Browning LARGE TARGET QUIVER

A beautifully styled quiver made of top grain cowhide, this will be the choice of archers desiring an efficient container for one dozen arrows. It can be hung from belt or pocket either right or left hand.



Browning ROVER QUIVER

Another exclusive Browning design this quiver is destined for the field shooter but is equally useful to the target shooter. It comprises a slot for six arrows which are positioned for quick draw. A zippered pocket will contain armguard and glove. It can be hung from a belt or pocket and is made of top grain brown cowhide.

Browning

SMALL TARGET QUIVER

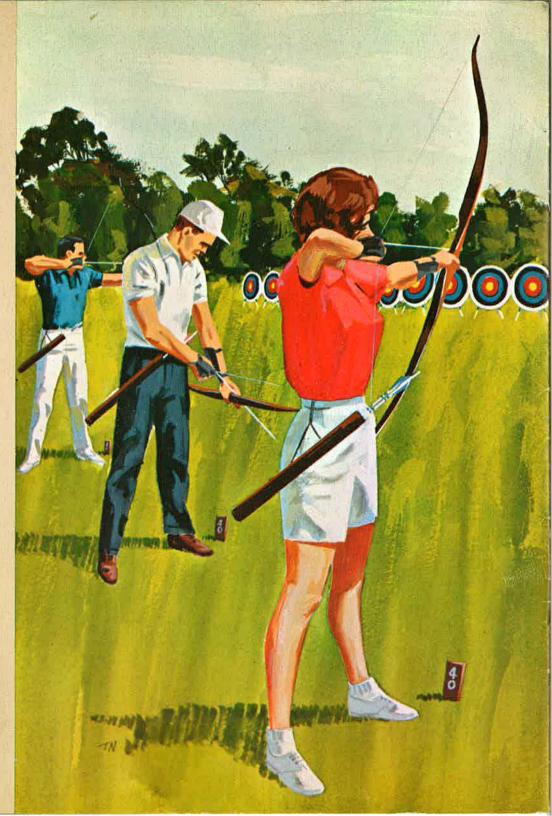
This compact quiver was designed for the lady target archer who desires a minimum of encumbrance while shooting. It will hold a half dozen arrows and can be hung from a belt or pocket either right or left hand. Offered in top grain white leather with a particularly feminine appeal.

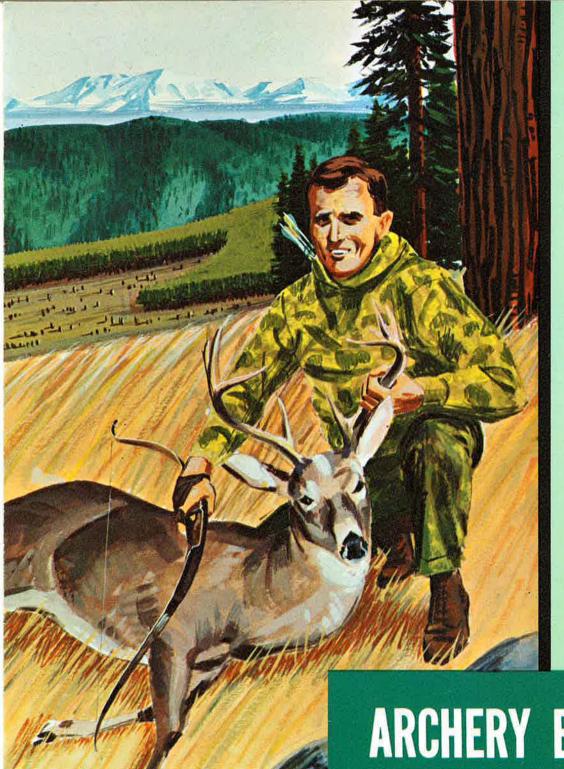


Browning

HIP POCKET QUIVER

For casual shooting this hip pocket quiver will contain six arrows and can be introduced into the hip pocket. It is made of top grain cowhide.





Effective December 1 1962



ARCHERY EQUIPMENT PRICE LIST

BOWS 🎐 ARROV

ARROWS ARCHERY ACCESSORIES

BROWNING ARMS COMPANY

ST. LOUIS 3, MISSOURI

The one characteristic, above all others, that Browning builds into its archery products is quality!

In the manufacture of Browning bows and arrows we have endeavored to combine the finest in modern materials and methods with the best of the accumulated knowledge of the bowyer's art.

As with any Browning product, Browning bows are fully guaranteed against defects in material and workmanship.

A warranty is enclosed with each bow and the owner's validating return card is registered in our offices. Browning bows are serially numbered and permanently recorded.

Browning BOWS

Model	Length	Draw Weights Available-Lbs.*		
Apache	48"	10-15-20	\$14.50	
Apache Set.		10-15-20	17.50	
Mohawk	54"	20-25-30-35	19.50	
Spartan	62"	From 25 to 45	29.50	
Medallion	64"	From 25 to 55		
Nomad	54"			
Diana**		From 25 to 40		
Apollo**	66"	From 30 to 60		
Explorer * *	62"	From 30 to 60		
Safari**		From 30 to 65		
Trophy**	66"	From 30 to 60		
Olympian**	64" G	From 30 to 60.	89.50	
Olympian**	64" W	WhiteFrom 30 to 60		
Olympian**	66" G	From 30 to 60	89.50	
Olympian**	66" W	WhiteFrom 30 to 60	89.50	
Olympian**	68" G	From 30 to 60	89.50	
Olympian**	68" W	WhiteFrom 30 to 60		

The Apache Archery Set includes Apache bow, four durable fiberglas arrows, arm guard, and strong paper buffalo target.

When ordering bows be sure to specify the following:

- 1. Model by name,
- 2. Left Hand Model (Right Hand Model will always be shipped if Left Hand Model is not specified).
- 3. Draw Weight (to complete orders promptly we will substitute within two pounds on either side of designated weight unless your order specifies "Exactly 00 lbs." or the substitution limits permissible). Since Apache and Mohawk bow draw weights are in increments of five lbs., substitutions will not be made.
- 4. For Olympian bows specify length and color combination desired.

^{*}All draw weights are measured at a draw of 28" except for Apache which is measured at 24"

^{**}Bows provided with soft cloth bag.

Browning ARROWS

	Length ncrements of One Inch	Incr	pine ements of Pounds	Pi	er Dozen
BROWNING SELECT PORT ORFORD CEDAR					
Target	4" to 33' " 24" 28"		" "	t	10.95 10.00 12.00 14.00 15.75 6.00
BROWNING - SILAFLEX WHITE FIBERGLAS		320000			10.00
Target2. Field	4" to 33'	"20#	to 70#		25.95
Hunting 3-Blade Hi-Precision4-Blade Hilbre With Broadhead Insert AdapterFlu-Flu, Blunt	28"	 Not	" " Define	ed	25.95
BROWNING ALUMINUM (Easton-XX75) Target	7" to 30	" 25#	to 50#	‡	34.50

Single Fiberglas or Aluminum arrows are available as replacements to matched sets.

When ordering be sure to specify the following:

- 1. Arrow Shaft Material (Aluminum, Fiberglas, or Wood).
- 2. Type of Point.
- 3. Length (a 28" adult arrow will always be shipped if length is not specified).
- 4. Spine (Draw weight of bow).
- 5. Color (Crest and Fletching Match). Specify: Red, Yellow, Blue, Orange, Green or Black.

Browning ARCHERY ACCESSORIES

When ordering accessories be sure to specify name, color, and size when appropriate

	Size	Description	
BROWNING ARCHERY GLOVES	;	·	
Men	S, M, L, XL	Brown	\$2,50
Ladies	S, M, L	White	2.50
BROWNING SHOOTING TABS	S, M, L	Brown	1,10
BROWNING ARM GUARDS			
Men		Brown	1.75
Ladies		White	1.75
Children	••••••••••••	Black	1.00
BROWNING QUIVERS			
Small Target	·····	White	4.75
Large Target		Brown	8.50
Rover		Brown	9.50
Pocket			
Kwikee Bow Kwiver			3.95
BROWNING BOW STRINGER			2.95
BROWNING BOW SIGHT			7.95
BROWNING NOCKING POINT	INDICATOR	•	2.95
*MICRO-FLITE ARROW SHAFTS	(Yellow)		
With Nock Inserts and Target	Points Installed		18.95 dz.
With Nock Inserts and Target			
With Nock Inserts and Broad	_		
With Nock Inserts and Broad			
Arrow Shafts Only			
Nock Inserts			1.60 dz.
Broadhead Adapter Inserts			2.40 dz.
Target Point Inserts			2.00 dz.
Point-Fast Fiberglas Adhesive	Kit		1.25
Bow String — Specify Browning I	Bow Model and Draw	Weight	1.50
Browning Target Points — Tape	red Steel — 5/16, 11/	′32	.80 dz.
Browning Field Points — Tapered			
Hi-Precision Point (3-Blade) —	5/16, 11/32	**-*-***	3.75 dz.
Hilbre Point (4-Blade) — 11/32) 		5.50 dz.
HTM Rubber Blunts — 5/16, 11/			
Nocks — Black (For Wood and F	iberglas) 1/4, 9/32, 5/	16, 11/32	.45 dz.
Mid-Nocks — White (For Alumin	num Shafts) 1/4, 9/32,	5/16, 11/32	1.30 dz.
Arrow Rest — (Brush Type)			

*When ordering Micro-Flite Arrow Shafts be sure to specify length of arrow and spine desired (Draw Weight) or use Micro-Flite sizing chart numbers from 0 to 10. Components will be sent disassembled unless specified otherwise.

All Micro-Flire products are manufactured by Browning-Silaflex, a subsidiary of Browning Arms Company

BROWNING ARMS COMPANY
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