



BROWNING ARMS COMPANY

1706 Washington Avenue, St. Louis, Missouri 63103

Manufacturers of Browning Sporting Arms
Browning-Silaflex Fishing Rods
Browning-Silaflex Sky Pole® vaulting poles
Browning Sportsman's Boots
Newport Sailboats
Catalogs available on request.

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AMERICAN ARCHERY COUNCIL

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ARCHERY MANUFACTURERS ORGANIZATION

Browning Bows

For three generations Browning has produced sporting arms which have achieved wide recognition for handcrafting, precision engineering and utilization of the best materials available.

These ingredients are basic to the Company philosophy of not "How cheap and how many, but how good." Today this principle of quality first has been extended to the manufacture of Browning bows.

Bow research has proven that the recurve design contributes to increased velocity, smoother draw and minimal recoil and vibration; therefore Browning utilizes this design and supplements it with the latest technological advances in fiberglass and wood lamination. Browning bowyers assign specific shooting characteristics to a bow by the sequence and way the wood and fiberglass layers are combined and also by controlling the glass fiber structure itself. This composite construction is then carefully bonded by special adhesive agents under scientifically controlled heat and pressure. As a result, Browning bows have extreme resilience, great tensile strength and the stability and smoothness of draw essential to exceptional bow performance.

Master bowyers meticulously hand tiller each bow to achieve proper curvature and absolute balance between the two limbs as the bow is drawn and released.

The wood for the grip and riser, chosen for appearance as well as strength, is hand contoured and finished then further protected with durable coats of clear epoxy resin.

The archer may choose a Browning bow with features essential to best results in his chosen archery activity: extremely accurate target models with the smoothest of draw, short hunting bows that deliver high velocity and driving power, or bows with a blended combination of these features to suit the all-round archer.

All bows are offered in either left or right hand models; each is supplied with the finest multiple-strand Dacron string.

As with every Browning product, the Browning Arms Company fully guarantees every Browning bow to be free from defect in material or workmanship and will repair or replace, at no charge, any bow which our examination shall disclose to be defective. This guarantee presumes reasonable care of the bow by the owner and does not cover normal wear, misuse, neglect, or damage caused by accident.

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

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EXPLORER II

SAFARI II

NOMAD I



Safari

For the serious hunter the incomparable Safari is available in two popular versions. The compact Safari I is only 54 inches long so it handles superbly in a blind or heavy brush. It has an abundance of power for quick, trophy-taking shots. Should slightly smoother shooting and longer range accuracy be the prime consideration, the hunter may prefer the 60 inch Safari II.

Both models feature similar wide, full working recurve

limbs that drive the heavy hunting arrows with lightning like speed and accuracy. Both bows are laminated face and back, with reinforced brown fiberglass to blend well with the natural surroundings. Dark toned hardwoods make up the handle riser which has a contoured, full pistol grip with thumbrest and a wide center shot window. The bows are beautifully finished with a hard, clear epoxy resin.

Explorer

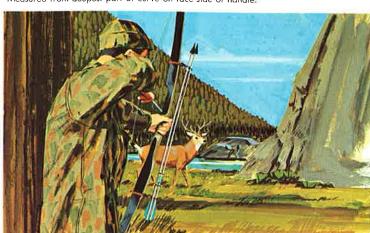
The Explorer is Browning's answer to the dedicated hunter who wants a powerful, smooth drawing hunting bow of stabilizer design. Forward mass stabilizers in the handle riser permit the steadiest aim and smoothest release possible for maximum accuracy.

The 56 inch Explorer I is perfect for fast shooting in dense cover; the 62 inch Ex-

plorer II provides the closest thing to target bow accuracy in a hunting bow. Both versions feature a forest green back and brown face of unidirectional fiberglass for fine camouflage as well as contrasting beauty to the selected hardwoods of the handle riser. The bow is designed with a full pistol grip with thumbrest and center shot sight window.

Specifications:	SAFARI I	SAFARI II	EXPLORER I	EXPLORER II
Length	54''	60′′	56′′	62"
Draw Weights	35 to 70 lbs.	35 to 70 lbs.	35 to 70 lbs.	35 to 70 lbs
Recommended Draw				
For Ideal Performance	24" to 30"	24" to 30"	24" to 30"	24" to 30"
Draw Limit	None	None	None	None
Fistmele*	63/4"	8''	71/2"	8''
String Length	493/4"	55''	51¾′′	56¾′′
Sight Window				
Full Center Shot	5¼"	5¾"	43/4"	53/4"
Handle	Full pistol grip	with thumb rest	Full stabilizer, t with thumb res	
Color of Bow: Back	·			
F				

Furnished with heavy, vinyl reinforced, nap lined bow bag, *Measured from deepest part of curve on face side of handle,





Nomad

Developed exclusively for the avid bow hunter, the Nomad is a powerful, high performance bow at a popular price. The limbs are made with two layers of choice maple veneer, laminated to unidirectional black fiberglass on the face and back of the bow. The handle riser features a contoured full pistol grip and a full center shot sight window for fast aiming. The bow is finished with weatherproof, scratch

resistant epoxy resin.

This fine hunter is available in two potent versions. The 54 inch Nomad I is a stocky, stout limbed model for excellent maneuverability in heavy cover and it casts a hunting arrow with exceptional speed. The 60 inch Nomad II is a smooth shooting, muscular hunter with fine gamegetting accuracy.



Nomad Hunting Set

Includes a complete assortment of expert equipment that will please the most discerning hunter. It features the compact, Nomad I bow; 6 perfectly matched and virtually unbreakable fiberglass arrows, with sets of both 3-blade hunting points and practice field points; point cement; top grain leather shooting glove; reinforced leather armguard; and a silent, fast-draw Bow Quiver that holds 4 arrows firmly in place.

Specifications:	NOMAD I	NOMAD II
Length	54"	60′′
Draw Weights		35 to 65 lbs.
Recommended Draw		
For Ideal Performance	24" to 30"	24" to 30"
Draw Limit	None	None
Fistmele*	63/4"	8''
String Length	493/4"	55"
Sight Window		
Full Center Shot	51/4"	5¾′′
Handle	Full pist	ol grip
Color of Bow: Back		
Face		

^{*}Measured from deepest part of curve on face side of handle.





Challenge

The exceptional beauty and formidable performance of this bowyer's masterpiece will make you the envy of any tournament. The Challenge is the smoothest of full recurves with forward mass stabilizers to ensure precision accuracy and stability. Special laminations in the limbs include a core of tapered hardwoods faced and backed by all-white unidirectional fiberglass. The result is a bow having effortless draw, negligible recoil and stable performance under all shooting conditions.

The finest of rosewood is used in the handle riser section where its handsome grain struc-

ture is accented by a clear epoxy finish. The hand contoured full pistol grip with thumb rest assures maximum shooting ease and consistency in aiming. Matching hardwood overlays are used on the face of the bow as well as in the nock sections.

The following accessories are included with the Challenge as a part of its purchase price: a rugged, handsome vinyl bow case, heavily padded with a 6 by 10 inch zippered accessory pocket; and a Browning Bow Stringer to facilitate stringing and minimize damage during the bracing operation.



Olympian

The Olympian is a superb target bow for the most discriminating competition archer. It is constructed with forward mass stabilizers for a steady hold, and an extremely smooth draw and release. The Olympian is a fast, flat shooting bow delivering exceptional accuracy.

Appearance and performance go hand in hand with this well designed bow. Its core is of select maple veneer laminated to a face and back of special ivory white unidirectional

fiberglass. The entire handle riser section is made from handsome, richly grained hardwoods brilliantly finished and protected by an invisible shield of extremely durable epoxy resin. The handle is a full pistol grip with thumb rest. Both instinctive and free style shooters will like its wide, full center shot sight window.

The Olympian is offered in a broad assortment of specifications to meet the preference of every archer.

Specifications:		CHALLENGE			OLYMPIAN	
Recommended Draw For Ideal Performance Draw Limit	30 to 60 lbs, 24" to 31" None B"	68" 30 to 60 lbs. 26" to 33" None 8" 62¼"		66" 30 to 60 lbs. 24" to 31" None 8" 60%"	68" 30 to 60 lbs. 26" to 33" None 8" 62"/4"	70" 30 to 60 lbs 28" to 35" None 8" 64¼"
Full Center Shot Handle Color of Bow: Back	7"	7½'' Full stabilize	7¾" er, full pistol g	7": rip with thum	7½" b rest	7¾"

*Measured from deepest part of curve on face side of handle.

Olympian furnished with heavy, vinyl reinforced, nap lined bow bag.

NOMAD II



Apollo

The popular priced Apollo has the length most preferred by the versatile shooter — long enough for a smooth draw and release, yet not too long for hunting. Limbs are made from three layers of maple veneer, permanently bonded by special

resins, laminated to a back and face of sandalwood and brown fiberglass. The handle riser is of selected hardwoods and is contoured with a full pistol grip and center shot sight window, and protected by a durable epoxy finish.

Medallion

Any archer, regardless of his experience or interests, will enjoy the fine shooting Medallion. It's ideal on the and performance. range and for all-family fun. The full recurve design provides an extremely fast cast, while retaining the smooth action desired by target shooters. As in our more expensive bows, the Medallion is made of laminated layers of maple veneer, bonded to

unidirectional fiberglass. It is a light weight bow of exceptional strength

The handle riser is shaped from select hardwood, contoured to a full pistol grip with full center shot sight window, then polished and coated with epoxy resins for lasting beauty and protection.



APOLLO	MEDALLION
66''	64"
30 to 60 lbs.	30 to 55 lbs.
26" to 31"	24" to 29"
None	None
7½"	7¼"
61½"	59¾"
6¾''	6¼"
Full pisto	I grip
	66" 30 to 60 lbs. 26" to 31" None 7½"

*Measured from deepest part of curve on face side of handle

Spartan

The Spartan bow is highly recommended for either the adult or older teenager who is just becoming acquainted with archery. It is also ideal for archery programs sponsored by schools, camps or commercial organizations.

The characteristics of the bow make it suitable for either target or field use,

and its full recurve design assures a stability and accuracy not common in most beginner's tackle. The limbs are a composite of multiple layers of maple veneers and unidirectional fiberglass. Its design incorporates a semi-pistol grip and center shot sight window.

Mohawk

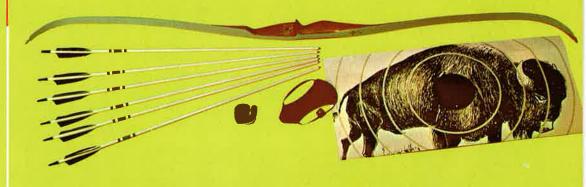
The Mohawk is a scaled down adult's bow designed for the younger archer who wishes to enjoy the sport with good quality, yet relatively inexpensive tackle. The limbs are narrower and shorter than adult bows to facilitate use by junior archers, but the quality and craftsmanship are the same as in the adult equipment.

The handle is of semi-pistol grip design reduced in size to fit a junior's hand. Limbs are modern recurves, styled to provide good velocity with a smooth, pleasant draw. Any young shooter will find the Mohawk a superb bow to begin his or her enjoyment of

Mohawk Archery Set

The Mohawk bow is also available in a complete archery set that includes a full-sized armguard, a sturdy, smooth textured finger tab for even release, 6 competition with this well designed set.

practically unbreakable fiberglass arrows and a colorful animal target. Any young archer will soon offer keen



Specifications:	SPARTAN	MOHAWK
Length	62"	54"
Draw Weights	25 to 45 lbs.	25, 30 or 35 lbs.
Recommended Draw		
For Ideal Performance	22" to 28"	22" to 26"
Draw Limit	None	None
Fistmele*	71/4"	61/4"
String Length	571/2"	501/2"
Sight Window		
Full Center Shot	5"	41/2"
Handle	Semi p	pistol grip
Color of Bow: Back		Random
Face,		Random

*Measured from deepest part of curve on face side of handle.

SPARTAN

Browning Arrows

BROWNING FIBERGLASS ARROWS

Browning MICRO-FLITE® fiberglass arrows are so exceptional in strength, durability and performance they are the preferred arrow by the all-round archer. Made of specially impregnated fiberglass cloth, they are formed individually on uniform mandrels and subjected to scientifically controlled heat and pressure to produce a tubular fiberglass shaft which is perfectly straight, has absolute concentricity and is practically indestructible. Micro-Flite arrows will not bend, dent, corrode, or warp, and their excellent performance characteristics are not subject to deterioration by weather or age. Fiberglass arrows outlasts all others and in the long run, are actually the least expensive to own.

Browning MICRO-FLITE® Arrows

Micro-Flire tubular fiberglass shafts are precision matched in weight and spine. Hand cresting in a variety of designs and color combinations is a feature of these fine arrows.

Special Fiberglass Hunting Arrows

These tubular fiberglass shafts are exactingly fletched and matched in weight and spine for hunting. Color blends with field and forest.

Solid Glass Fish Arrow

Solid glass shafts with rubber fletching.

Points Available	Length** (Increment 1")	Spine (Increment 5	Shaft Color
Target Field Without Point Broadhead Adapter only 3-Blade Hi-Precision 4-Blade Bear Razorhead®	26 to 31 26 to 31 Maximum 26 to 31 26 to 31 26 to 31	20-70 20-70 20-70 40-70 40-70	Top dip of finest color- ed lacquers Micro-Flite® yellow shaft
Field Without Point Broadhead Adapter only 3-Blade Hi-Precision 4-Blade Bear Razorhead®	28 to 31 Maximum 28 to 31 28 to 31 28 to 31	40-70 40-70 40-70 40-70 40-70	Special subdued colored fiberglass shaft
Double Barb	28	-	Lacquered silver shaft
	Available Target Field Without Point Broadhead Adapter only 3-Blade Hi-Precision 4-Blade Bear Razorhead® Field Without Point Broadhead Adapter only 3-Blade Hi-Precision 4-Blade Bear Razorhead® Double Barb	Available Target Target Field Without Point Broadhead Adapter only 3-Blade Hi-Precision 4-Blade Bear Razorhead® 28 to 31 Without Point Broadhead Adapter only 3-Blade Hi-Precision 4-Blade Bear Razorhead® 28 to 31 Without Point Broadhead Adapter only 3-Blade Hi-Precision 4-Blade Bear Razorhead® 28 to 31 Double Barb 28	Available

26 to 31

26 to 31

Maximum

26 to 31

26 to 31

26 to 31

Maximum

26 to 31

26 to 31

Maximum

Top dip of

lacquers.

cedar shaft

lacquered

Non-reflec-

Natural

Brilliant

white

shaft

finest colored

20-70

20-70

20-70

40-70

40-70

35-60

35-60

35-60

35-60

40-65

**MICRO-FLITE® and Special Fiberglass Hunting Arrows are subject to the following length limitations: Spines of 30° and under, 28" maximum length. Spines from 30° to 45°, 29" maximum length. Spines from 35° to 45°, 30" maximum length. Spines of 45° and over, 31" maximum length.

W/O Point (Untapered)

4-Blade Bear Razorhead®

W/O Point (Untapered)

4-Blade Bear Razorhead®

W/O Point (Untapered)

3-Blade Hi-Precision

3-Blade Hi-Precision

Target

BROWNING SELECT PORT ORFORD CEDAR ARROWS

Browning Cedar Arrows are crafted from Port Orford cedar shafts which have been carefully selected for straightness and uniform grain structure. Though Port Orford Cedar is more costly than other woods it is superior in every respect. Although heavier than tubular fiberglass and aluminum, these cedar arrows have excellent flight characteristics and penetration for hunting and good accuracy for field and target shooting. For extra protection against moisture and weather changes, special lacquers are applied over the entire shaft on all Browning Cedar Arrows. Cresting is skillfully done, ascending in complexity with the grade of the arrow. Fletching is carefully designed and positioned to bring out the utmost in accuracy and true flight for each type and grade of arrow. Browning top grade cedar arrows are meticulously weight matched to within 5 grains or less.

Grade 5 Cedar Arrows. Finest quality Port Orford Cedar shafts are weight matched to within 5 grains and hand crested in a variety of attractive colors and designs.

Grade 4 Cedar Arrows. Quality Port Orford Cedar shafts are weight matched to within 10 grains and hand crested in an assortment of colors.

OD Hunting Cedar Arrows. Quality Port Orford Cedar shafts are weight matched to within 10 grains and finished to blend into hunting terrain. Parabolic fletch adds to hunting utility.

Flu-Flu Cedar Arrows. Ideal for short range and airborne targets.

Grade 3 Cedar Arrows. A fine, well made practice arrow.

Grade 2 Cedar Arrows. A reasonably priced arrow for all-around shooting.

Grade 1 Cedar Arrows. The ideal

3-Blade Hi-Precision 4-Blade Hi-Precision	26 to 31 26 to 31	40-65 40-65	Drab shaft
Metal Blunt	28	_	Assorted
Field	28	-	Assorted
Target	28	==	Assorted
Target	26 & 28	-	Assorted

BROWNING ALUMINUM ARROWS

Browning aluminum arrows are made from Easton shafts. When matched with Browning craftsmanship, you get an arrow with absolute uniformity and balance resulting in exceptional flight characteristics. The three-feather helical fletch is precisely aligned and nocks and special steel points are streamlined to blend perfectly into the slender metal shafts. The shaftment section is hand crested and the arrow is polished to a satin luster. All arrows are carefully spined and matched to within two grains in weight. For the target archer the additional cost of aluminum arrows is an investment in accuracy.

BROWNING ARROW POINTS

A — Bear Razorhead® E — Target B — Hi-Precision F — Fish

C-Field $G-Micro-Flite^{\otimes}$ Target D-Blunt H-Broadhead adapter

All MICRO-FLITE® arrow shafts are made by Browning's Silaflex Division.

XX75®	Aluminum	Arrow	s
Profession	onal quality	target	arrows
Easton)	XX75® shafts		

arrow for younger shooters.

24 SRT-X® Aluminum Arrows
Easton 24 SRT-X® shafts are used for

Points Available	Length (Increment 1")	Spine Sh (Increment 5#) Co	aft olor
Target	26 to 31	25-50 Top	dip of st colored
Target	26 to 31	25-50 Nat	quers. rural alu- um shaft



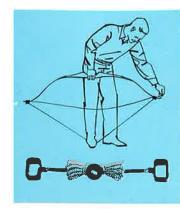


Browning Archery Accessories



Shooting Gloves

Models are provided in both buckskin or dark brown top grain cowhide with a snugfitting elastic back. The dark brown model has fingertips of extra firm, durable Cordovan. The fingertips of the buckskin model are soft, pliable cowhide. Each has a wrist band of soft cowhide with an adjustable snap fastener. Both models are available for right or left hand shooters in men's and ladies' styles.



Bow Stringer

Anyone can string the heaviest bow with this effective accessory. With the bow string in place on one nock, the plastic-covered yokes of the stringer are slipped over both bow nocks. The bow is braced by pulling upward on the handle. When at sufficient draw the bow string is easily slipped into place on the other bow nock. This is the safest way to string and unstring a bow. Its use also prevents twisted limbs and nock damage.



Arm Guards

All purpose models are provided in appropriate sizes for men, women, and children, and a special model is offered for hunting. All models are crafted from top grain cowhide and incorporate an inner steel stay to absorb string shock. The hunting model is oversize for added protection. Each has fully adjustable elastic arm straps for a comfortable fit regardless of forearm size.



Bow Strings

Browning bow strings are crafted from multiple strands of specially waxed Dacron. The number of Dacron strands in each string is carefully calculated to provide optimum performance for a specific draw weight, and each string is double looped at a prescribed length and bound with durable nylon servings at the nock areas. The nocking point area receives a golden serving for added reinforcement and shooting ease.



Finger Tabs

This professional quality shooting tab is made in two layers for maximum shooting comfort and performance. The inner layer is crafted from soft, pliable cowhide; and the outer layer is a firm, Cordovan leather. Cordovan has an ideal texture for a smooth, even release. Available in small, medium and large sizes for either right or left hand shooters.



No-Cant Bow Sight Reticle

This revolutionary device is an unbelievable aid to accuracy. It readily detects the slightest bow cant that can cause an arrow to strike off the point of aim. The No-Cant is a cross-hair type reticle that fits most bowsights. The upper vertical cross-hair operates like a pendulum, always showing the true vertical. The bottom cross-hair remains parallel to the axis of the bow. For perfect sighting, the archer merely aligns the vertical cross-hairs by rotating the bow.



Bow Case

This attractive and sturdy, black vinyl bow case is well padded for impact protection and lined with heavy flannel nap. It will accommodate any recurve bow up to 70 inches in length. A large, top-opening zipper provides easy access. Its built-in, 6 by 10 inch zippered accessory pocket will hold plenty of extra bow strings, a bow stringer, and other necessary shooting accessories.



Bow Quiver

Ideal for silent hunting, this two-part bow quiver attaches in seconds above and below the handle riser section of any bow. No special fitting is required. It has firm gripping steel clamps that hold the quiver securely to the bow, and it is made of Neoprene so it will not damage bow limbs. This compact bow quiver holds four arrows securely positioned for a quick and silent draw and for rapid shooting.



Thigh Quiver

Here's a compact, top grain leather hunting quiver designed for silent stalking and fast shooting. It is easily attached to any belt by a cowhide loop with a handy, positive snap fastener. To facilitate fast arrow withdrawal, a Taslan thong secures the quiver to the thigh, like a quick-draw pistol holster. In addition, each of up to 6 hunting arrows is held firmly in place by individual pressure slots. This versatile quiver may be used by both right and left hand shooters.



Hip Pocket Quiver

If you like to shoot free and easy, this compact pocket quiver is the answer. It slides onto a belt and stays firmly in position in either back pocket, so it serves equally well for right and left hand shooters. It is made of top grain cowhide, riveted at the corners to insure long life, and has a convenient leather lip that protects the shooter's pocket from excessive wear. It holds up to six target or field arrows.



Large Target Quiver

A handsomely styled quiver made from the finest top grain cowhide. It is suspended from the belt or waistband where it is held firmly by two snap spring fasteners. The angled leather straps position the quiver for a smooth and easy draw. The straps are also oriented so that right or left hand shooters may use it with equal convenience. This versatile quiver has a capacity for 12 arrows.



Belts

Browning belts are distinctively styled and hand crafted from carefully selected top grain saddle leather. Each is hand tooled in attractive basket weave or carved border designs, and specially treated to retain a natural, lasting richness. These handsome belts are available in 5 sizes in both 1¼ and 1¾ inch widths and serve equally well with outdoor or casual clothing. The removable buckles are of solid, highly polished brass.



Small Target Quiver

This "compact" was designed for ladies, junior archers or others who prefer minimum encumbrance. Although extremely lightweight, it is crafted from top grain leather to provide years of service. A metal spring clip attaches the quiver firmly to belt or waistband, where it is perfectly balanced by the placement of supporting straps. The balancing ring permits bending and stooping with a loaded quiver without the annoyance of losing arrows.



Kangaroo Featherweight Boots

Available in both men's and women's and junior sizes, these fine boots are crafted from silicone-treated genuine Australian Kangaroo. This leather is the choice for most athletic shoes because it's both tough and lightweight. These 9" boots are fully glove leather lined with soles of Neoprene cushion crepe, and feature weight-saving nailless construction. Here's a boot that will add enjoyment to your time in the out-of-doors.



Rover Quiver

A handsome, all-purpose quiver made from top grain cowhide. Designed to permit safe maneuverability in the brushiest of field ranges, it is also the choice of many target archers. It holds 6 to 8 arrows, conveniently positioned by the angled design of the arrow pocket. A leather arrow divider is located above the arrow pocket. This popular quiver has a large zippered pouch for accessories, plus a handy pencil holder.



Chukka Kangaroo Boots

Here's the perfect footwear to help you negotiate your favorite field course as well as enjoy many other outdoor activities in complete, lightweight comfort. It's a 4-inch boot crafted from genuine Australian Kangaroo, and features a full glove leather lining, Neoprene cushion crepe soles and nailless construction. Available in men's sizes only.

A complete line of Browning Sportsman's Boots is available through all Browning Dealers.

Archery Information

SELECTING A BOW

The accompanying illustration will identify the structural makeup of a bow with the nomenclature most commonly used. Becoming familiar with these terms and the parts of a bow so named will be of help in your understanding archery.

There are two basic bow types, the Straight Bow and the Recurve Bow. Although there are many variations of the recurve bow, it essentially means that the ends of the bow limbs curve in an opposite direction to that of the remainder of the bow limbs. This type of design has become far the more popular in recent years and is considered to give greater arrow speed and superior all-around performance.

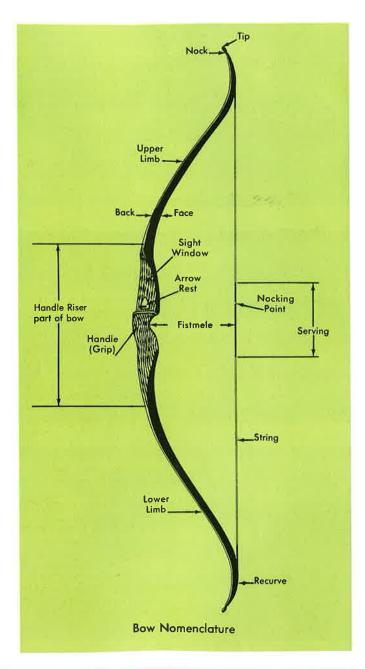
Bows are constructed from wood, solid fiberglass, light metals, or a combination of woods and fiberglass in laminated form. The latter is called a composite bow and is considered by far the best type. It is lighter in weight, stronger, and has the facility to cast an arrow faster and more accurately.

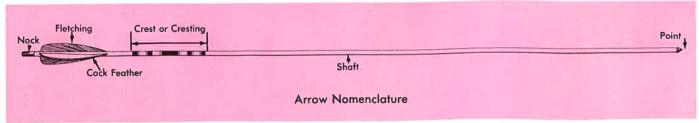
LENGTH: Generally speaking, a shorter bow will produce greater arrow speed, is lighter weight, and more convenient to handle; therefore, such bows within the 50" to 60" lengths are normally preferred for hunting. On the other hand, a longer bow, by comparison, is more stable, easier to draw, and smoother on release. Because a longer bow will shoot with more precision than the shorter bow, it is preferred for target and field archery. Bows in this category usually range from 64" to 70" in length. The length selected is a matter of personal preference, although one's size is an important consideration.

DRAW WEIGHT: Draw weight signifies the number of pounds of pull necessary to draw a bow to full draw. Most Browning bows, as with other makes, are measured at 28" draw. A 40 pound bow, for instance, means it takes 40 pounds pressure to draw it 28". Bear in mind that this draw weight will vary with length of draw, approximately 2 pounds per inch. In other words, for a person with a full draw of 27" this 40 pound bow would become a 38 pound bow; or if his full draw were 30", the draw weight would then become about 44 pounds. In selecting a bow, the archer should choose a bow he can pull to his full draw without excessive strain over extended periods of shooting. For target shooting, most men will use a bow with a draw weight between 35 and 45 pounds, women and juniors between 20 and 35 pounds, and youngsters from 10 to 25 pounds. In a hunting bow, the same shooter would ordinarily use a bow with about 10 pounds heavier draw. Do not select a bow too heavy. With modern composite bows, a light draw weight will give comparable accuracy to that of a heavy draw weight.

HUNTING BOW: Should an archer wish to obtain a bow that is suitable for both hunting and target work, it would be preferable to choose one in the lightest draw weight that conforms to state and local laws for bow hunting. In most states, the requirement is for a bow with no less than a 40 pound draw weight.

When a bow is to be used entirely for hunting, the only limitation on draw weight need be the hunter's strength and ability. For the average archer, a bow within the 45 to 55 pound range is generally recommended.





ARROW SELECTION

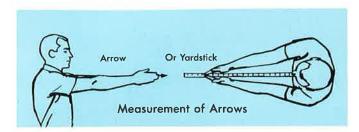
The illustrations and nomenclature will identify the various parts of our arrow and the types of points used.

MATCHED ARROWS: A set of "matched" arrows refers to a group of arrows with the same SPINE (stiffness of the shaft) and the same WEIGHT. Naturally other physical characteristics such as length, fletching, and shaft diameter are also to be the same. Matched arrows are absolutely necessary for consistent performance.

SPINE: Spine is the characteristic of an arrow which allows it to flex around a bow in such a way that it travels straight instead of being deflected to the side as it passes the bow. There is a recommended spine for each bow weight and it is fundamental to achieving good accuracy to use arrows that have the correct spine. The spine of an arrow is converted to a poundage classification corresponding to the draw weight of a bow in order that the two may be more easily matched by the archer. Arrows are usually spined in increments of 5 pounds. Thus for a bow with a draw weight of 42 pounds, arrows should be selected which have been spined in the 40 to 45 pound classification.

WEIGHT: Arrow weight and arrow spine are closely related and variances in either can cause considerable flight inconsistency. Hence, it is also important that each set of arrows match in weight. All better makes of arrows are closely matched to within but a few grains of each other.

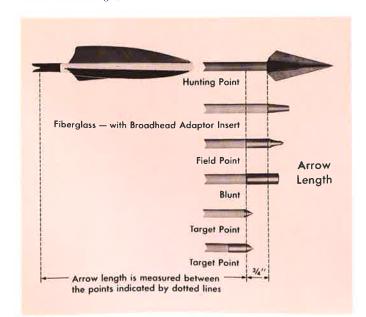
LENGTH: An arrow that is too short can be easily overdrawn which is dangerous as well as a detriment to good shooting. Correct arrow length depends on the full draw of the archer and full draw is ultimately dependent upon arm length. There are a number of ways in which arrow



length can be determined for the new archer. One well accepted, the chest to fingertip method, is described below.

Place the end of a yardstick against the center of your upper chest at the approximate base of the neck and reach out on it with your arms extended straight in front of you. The distance from this position on your chest to the end of your fingertips is the correct arrow length. If fractions should occur in this measurement, choose the next highest whole number.

To avoid later confusion, it is important to know how different types of arrows are measured since all types are not measured from the tip of the point. From the illustration below, you will observe that a 28" hunting arrow, for instance, can be as much as 2½ inches longer than a 28" target arrow. Both are designated as a 28" arrow nevertheless and you should not assume the longer hunting arrow is incorrectly marked. Once you have determined the proper arrow length for you, specify that length for all types of arrows. The maker has compensated for the correct differences in actual length.



GENERAL SHOOTING INFORMATION

The information set forth here is necessarily very brief and covers only generally accepted fundamentals. There are as many minor variations to each listed step as there are individual archers. Nevertheless, consistently good form is absolutely necessary for good shooting, and these basics must be performed even though the individual might make minor changes because of physical necessity or personal preference. Instruction, or even informal help and criticism, from an experienced archer is a great help to the beginner.

STRINGING A BOW: The initial stress required to string a bow can cause considerable damage to its limbs if not evenly distributed. It may, in fact, cause the limbs to become permanently twisted. In stringing a bow care must also be taken that it doesn't fly out of hand as the result can be dangerous. The simplest and most effective way to string a bow is by using the Browning Bow Stringer. It is designed to put the same stress on a bow as when shooting and there is no danger of the bow jumping out of hand.

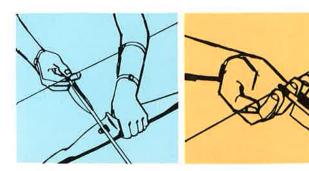
Two other accepted methods may be used. The first system is to use the instep of one shoe as a brace against one tip of the bow. One hand should grasp the bow at the handle area with the back of the bow upward. The heel of the other hand should be placed on the back of the other limb with the loop of the bow string held between the thumb and forefinger. The bow is braced by pulling toward you with the hand at the handle, applying opposite pressure with the heel of the other hand while sliding it along the bow limb until the string loop can be placed in the nock. During this process it is important to keep the head out of direct alignment with the bow to avoid the possibility of an eye or head injury should either hand slip.

The second system is a stepthrough process in which the thigh is used to apply pressure on the bow handle. Secure the strings to the lower limb of the bow and hold the loose string end in the left hand. Place the lower limb of the bow against the left ankle. Step across the bow with the right leg and position the bow handle behind the right thigh. Lay the

right hand on the curve of the top limb, palm open. The bow is braced by bending forward while applying pressure backward with the right thigh on the bow handle and forward with the hand on the upper limb. Slip the string over the bow tip with the left hand making sure it is properly seated in the nock. Slowly release the pressure after the string is attached and turn the bow so that its face is toward you, as in shooting. This will avoid injury should the string slip off.

SHOOTING STANCE: Take a position with your side pointing directly at the target with feet comfortably spread to provide good balance. Stand erect but relaxed. Your head should be turned directly toward the target, which will be seen over your shoulder.

NOCKING AN ARROW: Grasp the bow handle lightly but firmly with the left hand (for a right handed person) exactly as it will be held while shooting. Hold the bow in a horizontal position with the back of the hand up. Lay an arrow across the bow just above the arrow rest. Place the nock of the arrow onto the bowstring with the odd colored feather (cock feather) up or opposite the handle of the bow. The nocking point should be predetermined and marked on the string, usually this is 1/2" to 1/2" above the point at which the arrow is at right angles to the string. Place the first three fingers on the bowstring as illustrated. Some archers use the pads of the fingers against the string and some use the first joint. Select the method which feels most comfortable for you, either is acceptable. In both cases a shooting glove or tab is recommended.

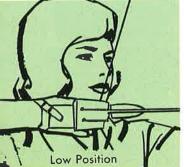


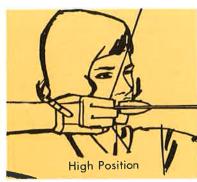






FULL DRAW: Raise the bow from the horizontal to a vertical position at arm's length. The left arm and elbow may be straight but preferably slightly bent to allow clearance for the bowstring. The bow should be held very lightly in the bow hand with the pressure of the draw holding it firmly against the base of the thumb. With the three fingers of the draw hand in proper place, take a deep breath as you draw the arrow

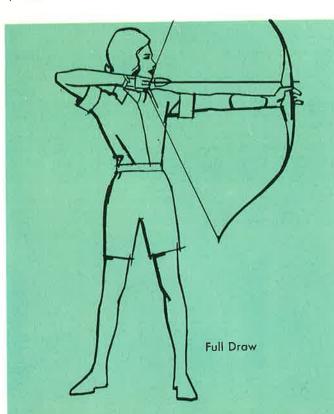


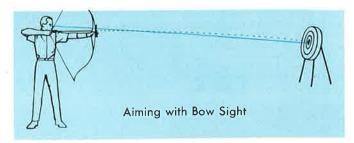


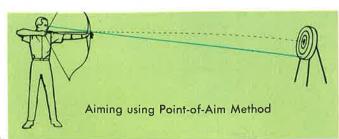
steadily back to the reference or "anchor" position on your face or chin. At this point you are at full draw. It is extremely important that every draw is identical and that your right hand is anchored at exactly the same point on your face or chin each time. The fingers of the draw hand should be completely relaxed to accomplish smooth release. The elbow should be level with the shoulders during the draw and the back and shoulder muscles, not the arm or hand, should do the pulling.

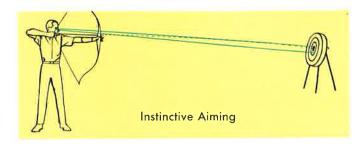
AIMING: There are three accepted methods of aiming:

- 1. For maximum accuracy, particuarly in target shooting, many archers use a bow sight. The sight normally has a movable, horizontal sighting post or crosshair reticle which can be adjusted for both vertical and horizontal corrections. Vertical adjustments are made for shooting at different ranges. In this method the aiming eye acts as a rear sight and the end of the post or cross hair as a front sight. The reticle or post is positioned so that a hit will result when the bead or cross hair is "on target."
- 2. Another aiming method used by the target archer is the "point of aim" system wherein a predetermined sighting spot which is actually above or below the true target is established, usually by trial and error and, of course, by experience. With this method the eye again acts as the rear sight, but the very point of the arrow acts as the front sight and the line of sight is as illustrated.
- 3. The instinctive method of aiming involves shooting with no definite reference point. The archer concentrates his vision on the target and shoots by "feel."



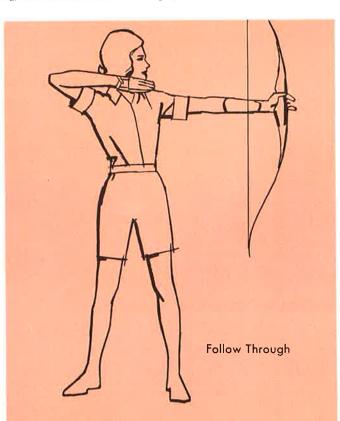


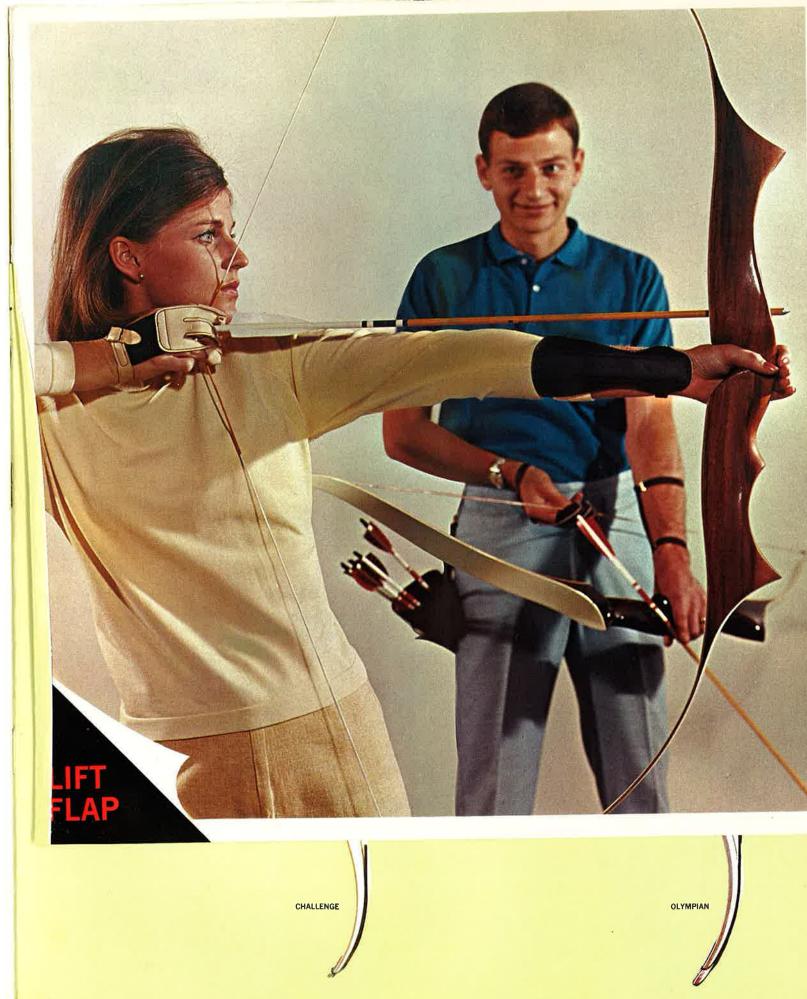




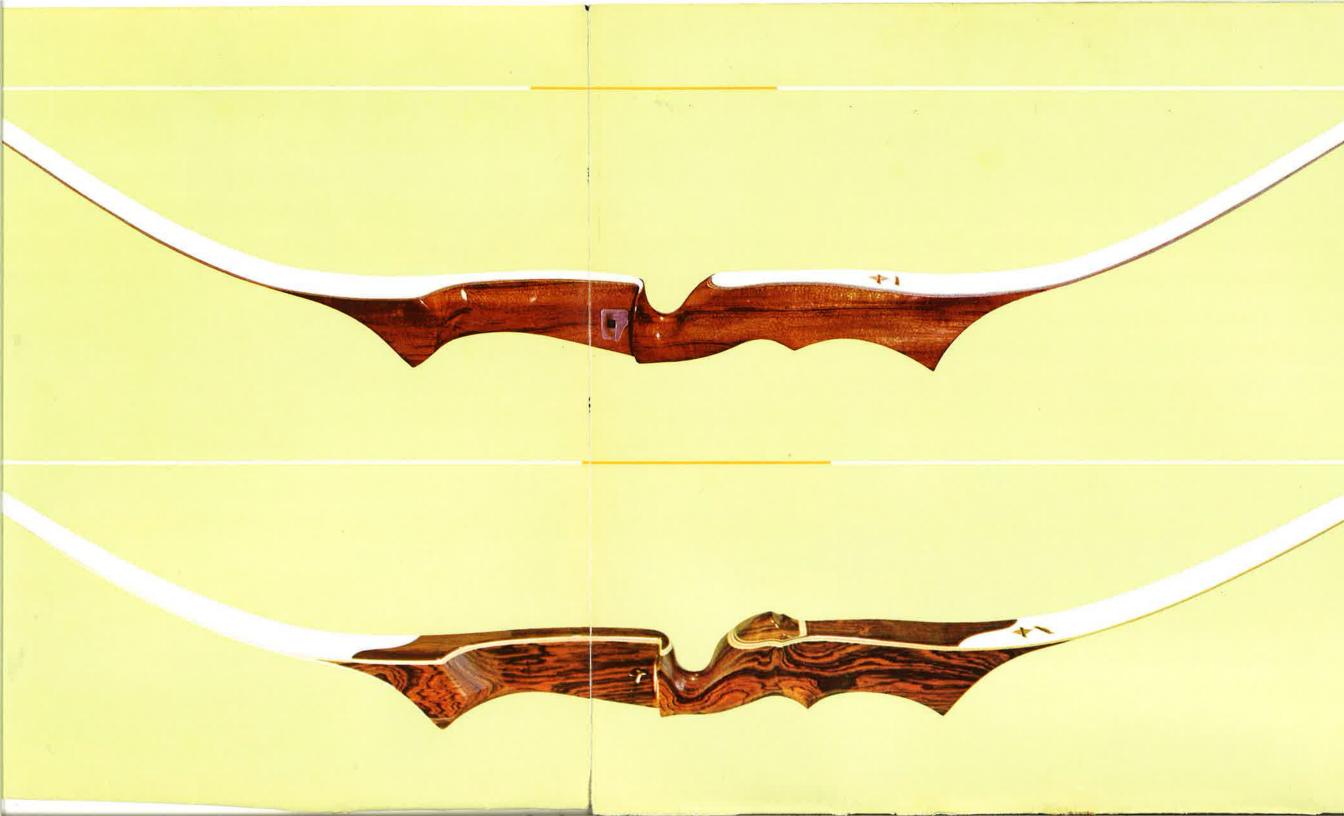
THE RELEASE: Hold the full draw for just long enough to make sure your aim is correct. Do not allow the arrow to creep forward just before the release. Relax the three fingers and allow the string to slip off smoothly. There should be no movement except for the slight straightening of the draw fingers. A smooth, straight, even release is very important to accuracy.

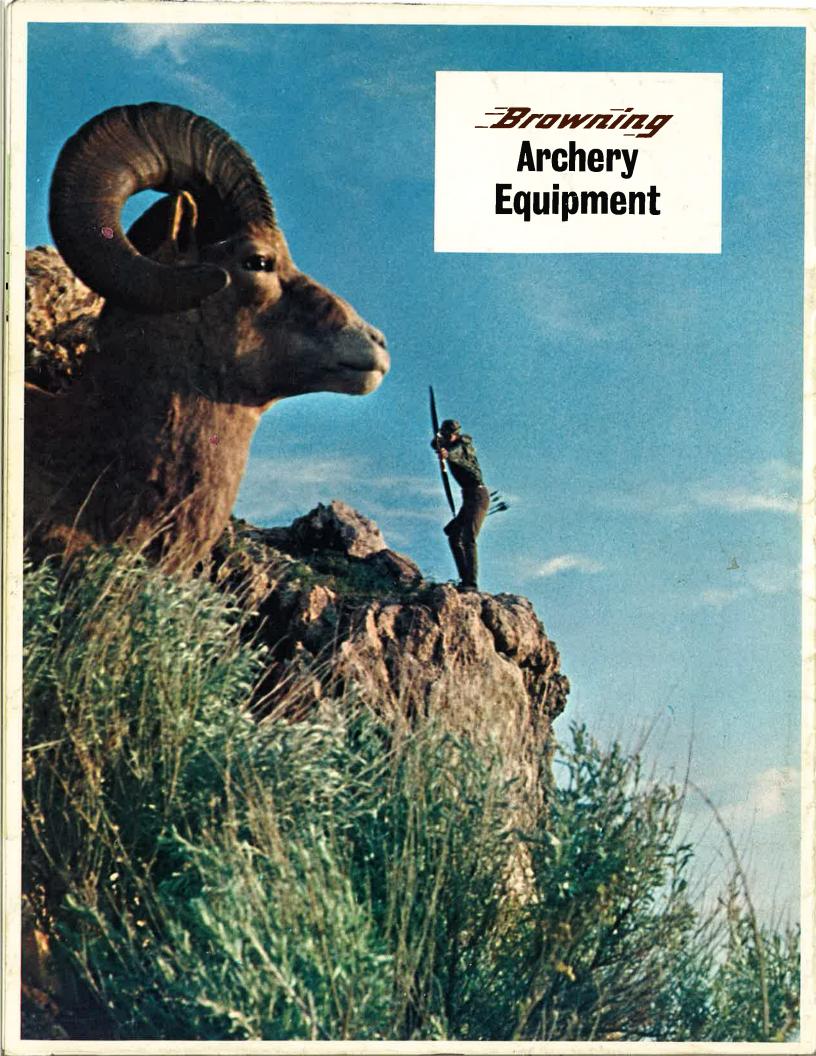
FOLLOW THROUGH: Follow through as an aid to consistent shooting simply means the archer should retain the shooting position without moving, until the arrow strikes the target.





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Browning ARCHERY ACCESSORIES

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

ROWNING ARCHERY GLOVES — Lor R Hand			
With Cordovan Leather Finger Stalls Men	MIVI	Brown	\$2 E
Ladies S			
With Soft Cowhide Finger Stalls			
Men	S, M, L, XL	Buckskin	1.7
LadiesS	S, M, L		1.7
SHOOTING TABS — L or R Hand	S, M, L	Brown	1.10
ROWNING ARM GUARDS			
All Purpose			1 7
MenLadies			
Children			1.0
Special Hunting			
ROWNING QUIVERS			
Small TargetFor Left or Right Han	d Shooter	Brown	4.9
Large Target For Left or Right Han	d Shooter		9.4
RoverRight Hand Only			9.4
PocketFor Left or Right Han	d Shooter		2.2
Kwikee Bow KwiverFor Left or Right Han			
Hunting Thigh Quiver For Left or Right Han			
ROWNING BOW STRINGER			2.9
ROWNING BOW SIGHT			6.9
ROWNING NO-CANT BOW SIGHT RETICLE ROWNING VINYL ZIPPER BOW CASE			
			0.9
OW STRING Special Browning Bow Model, Length and Draw	Weight		1.5
	w cigiit		
ARROW REST			
Brush Type			
Plastic, Flexible Shelf			
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rowning Target Points — Tapered Steel (For Cedar Arrows)	Shaft Size \[5/16 \] \[21/64 \] \[11/32 \] \[5/16	Weight (in grains) 85 100 100	\$.80 do80 do80 do
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rowning Target Points — Tapered Steel	Shaft Size	Weight (in grains) 85 100 100 100 130 130 125 125 10 120 120	

*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-Flite products are manufactured by Browning-Silaflex, a subsidiary of Browning Arms Company

1967 PRICE LIST BROWNING ARCHERY EQUIPMENT

Browning BOWS

Model	Length	Draw Weights Available-Lbs.*	
Apache	48"	10 - 15	\$14.95
Apache Set	48"	10 - 15	19.95
Mohawk	54"	25 - 30 - 35	22.50
Mohawk Set	54"	25 - 30 - 35	29.50
Spartan	62"	From 25 to 45	31.50
Medallion	64"	From 30 to 55	39.50
Nomad I	54"	From 35 to 65	47.50
		From 35 to 65	
Nomad Set	54"	From 35 to 65	64.75
Apollo**	66′′	From 30 to 60	49.50
Safari I**	54"	From 35 to 70	59.50
Safari II**	60"	From 35 to 70	59.50
Explorer I **	56"	From 35 to 70	59.50
Explorer II**	62"	From 35 to 70	59.50
Olympian**	66"	From 30 to 60	79.50
Olympian**	68"	From 30 to 60	79.50
Olympian**	70 ''	From 30 to 60	79.50
Challenge Unit***	66"	From 30 to 60	118.50
Challenge Unit***	68"	From 30 to 60	118.50
Challenge Unit***	70"	From 30 to 60	118.50
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*All draw weights are measured at a draw of 28" except for Apache which is measured at 24".

*Bows provided with heavy, vinyl reinforced, *** Included in this unit are a deluxe padded vinyl bow case and a Browning bow stringer.

When ordering bows be sure to specify the following:

1. Model by name.

nap lined bow bag.

2. Left Hand Model (Right Hand Model will 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 unless the dealer so states.

4. For Challenge and Olympian bows specify length.

Browning ARROWS

Points Available

Points Available	Length Increments of One Inch [®]	Spine Increments of Five Pounds	
BROWNING FIBERGLASS AL	RROWS		
Micro-Flite® Arrow			
Target	26" to 31"	20# to 60#	\$27.50 dz.
Field	26" to 31"	20# to 60#	28.00 dz.
Field with Target Point or Broadhead Adapter			
included but unattached	. Maximum .	Specify Shaft	
		Sizes 0 thru 10 [®]	26.50 dz.
Broadhead Adapter installed 3-Blade Hi-Precision 4-Blade Bear Razorhead®	26" to 31"	40# to 70#	27.50 dz.
3-Blade Hi-Precision	26" to 30"	40# to 70#	30.00 dz.
4-Blade Bear Razorhead®	26" to 30"	40# to 70#	32.50 dz.
Special Hunting Fiberglas	s Arrow		
Field	28" to 31"	40# to 70#	19.00 dz.
unattached	Maximum	Specify Shaft	
		Sizes 7 thru 10®	17 00 dz
Broadhead Adapter installed	28" to 31"	40# to 70#	18.00 dz
Broadhead Adapter installed 3-Blade Hi-Precision	28" to 30"	40# to 70#	21.50 dz.
4-Blade Bear Razorhead®	28" to 30"	40# to 70#	24.00 dz.
Solid Glass Fish Arrow			
	00#	27 0 1 1	
Double Barbed Fish Point	28"	Not Spined	21.60 dz.
BROWNING ALUMINUM ARR XX75® Easton Shaft	ows		
Target	.26" to 31"	25# to 50#	34.50 dz.
24 SRT-X® Easton Shaft			
Target	26" to 31"	25# to 50#	29.50 dz.
[®] Micro-Flite® and Spec	ial Fiberglass	Hunting Arrows are	subject

[®]Micro-Flite® and Special Fiberglass Hunting Arrows are subject to the following length limitations: Spines of 30# and under, 28" Maximum length. Spines from 30# to 35#, 29" Maximum length. Spines from 35# to 45#, 30" Maximum length. Spines of 45# and over, 31" Maximum length. [®]Shaft sizes 0-2, Maximum length 28". Shaft sizes 3 & 4, Maximum length 29". Shaft sizes 5 & 6, Maximum length 30". Shaft sizes 7-10, Maximum length 31".

BROWNING	SELECT	PORT	ORFORD	CEDAR	ARROWS
Grade 5 C	edar Ar	row			

Length

Increments of

Spine

Increments of Five Pounds

Target	26" to 31"	.20#	to 50#	811.95 dz.
Field				
Without Point Untapered	Maximum	.20#	to 70#	10.95 dz.
3-Blade Hi-Precision				
4-Blade Bear Razorhead®	26" to 30"	.40#	to 70#	16.95 dz.
Grade 4 Cedar Arrow				
Field	26" to 31"	35#	to 60#	9.95 dz.
Without Point Untapered.	Maximum	35#	to 60#	8.95 dz.
3-Blade Hi-Precision	26" to 30"	35#	to 60#	12.45 dz.
4-Blade Bear Razorhead®				
O.D. Hunting Cedar Arro				
_		10.11	(= 6	
Without Point Untapered	LooseMax,	.40#	to 65#	
Without Point Untapered				8.40 dz.
Field	26" to 31"	.40#	to 65#	
3-Blade Hi-Precision	26" to 30"	.40#	to 65#	11.90 dz.
4-Blade Bear Razorhead®.	26" to 30"	.40#	to 65#	14.40 dz.
Flu-Flu Cedar Arrow				
Metal Blunt	20"	Mot	Spinod	0.60 4-
Metal Blufft		INOL	Spined	9.00 dz.
Grade 3 Cedar Arrow				
Field	28"	Not	Spined	.49 ea.
			1 1	
Grade 2 Cedar Arrow				
	0.044			
Target		. Not	Spined	.35 ea.
Grade 1 Cedar Arrow				
Target	26" 8, 28"	Mot	Spined	20.0-
raiget	00 20	TAUL	opined	.29 ea.

When ordering, be sure to specify the following:

- 1. Arrow Shaft Material (Aluminum, Fiberglass 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. Quantity