



AMF
Voit

1978 Wing
Archery Equipment

PRESENTATION COMPOUNDS

We've given it our best shot

AMF Voit. A well-seasoned, highly respected name in athletic equipment.

Wing. Source of superbly designed, championship-caliber archery products for more than a quarter century.

Together, we bring you innovative, top quality products. Extensive r&d capabilities. Comprehensive advertising, sales promotion and dealer support packages. Plus a strong distribution system that assures convenient one-source service on all equipment needs.

The Presentation heritage

Since 1964 and the introduction of the world's first three-piece takedown recurve bow, the names Wing, Presentation, and innovation have been synonymous.

Today, our Presentation compounds offer the ultimate in performance for the truly serious hunter or competition archer. And they're well worth the price for those who live and breathe



The 2-Step Eccentric Wheel

archery.

Our state-of-the-art compounds

Presentation compounds are the first compound bows with adjustable 2-step eccentric wheels. They're a direct result of combining the championship-caliber archery products experience of Wing with the extensive r&d facilities of AMF Voit.

The innovative 2-step eccentric wheel (patent pending) creates a mind-boggling array of advantages for users of Wing Presentation compounds.

The uniquely designed 2-step eccentric wheel is actually two "sides" sandwiched together—a bow weight side and a draw

length side.

The bow weight side remains constant, while the draw length side is available in varying sizes to accommodate different draw lengths.

A major, exclusive advantage of the Wing 2-step eccentric wheel is adjustable dropoff.

The benefits of adjustable dropoff

The archer using our Presentation compound has the unique advantage of adjusting the dropoff of his bow by approximately 10-50%! This means that the archer can adjust holding weight with minimal effect on peakweight or draw length.

The 2-step eccentric wheel also allows for major draw length changes without changing bow weight.

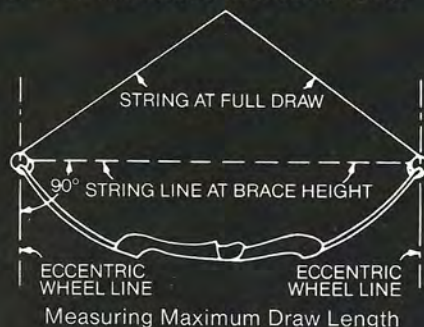
Quick, no-tools-required, drop-in cable attachment is yet another major feature of the remarkable Presentation compound series. Other key features of these unique new bows are detailed on the following pages.

IMPORTANT NOTES

Wing Presentation compounds are shipped with the 2-step eccentrics set at approximately mid-range, or 30% dropoff. They are set at the draw length, as ordered.

Even draw lengths (26", 28", 30", 32") will be set at the first tuning line. Odd draw lengths (25", 27", 29", 31") will be set at the center tuning line. (See photo of wheels.)

Maximum draw length on a 2-step eccentric wheel is measured at a point where the line on the eccentric that intersects



the center of the wheel is at right angles to the string, if it were at brace height. (See diagram.)

Full draw on presentation compounds occurs at a point where the weight is increasing, after having passed over the minimum weight. Those who prefer to hold full draw at the minimum weight should order draw lengths 1" longer than rated here (slightly more at lesser dropoffs).

Shortening draw length on a given wheel will drop limb weight approximately 10 lbs. per inch. Lengthening draw lengths on a given wheel will increase limb weight about 10 lbs. per inch. When odd draw length eccentrics are set to an additional inch of draw, 50-70 lb. limbs that are set at maximum will go to 80 lbs. This is not recommended for these limbs, as they are designed for best performance at a 70 lb. peak.

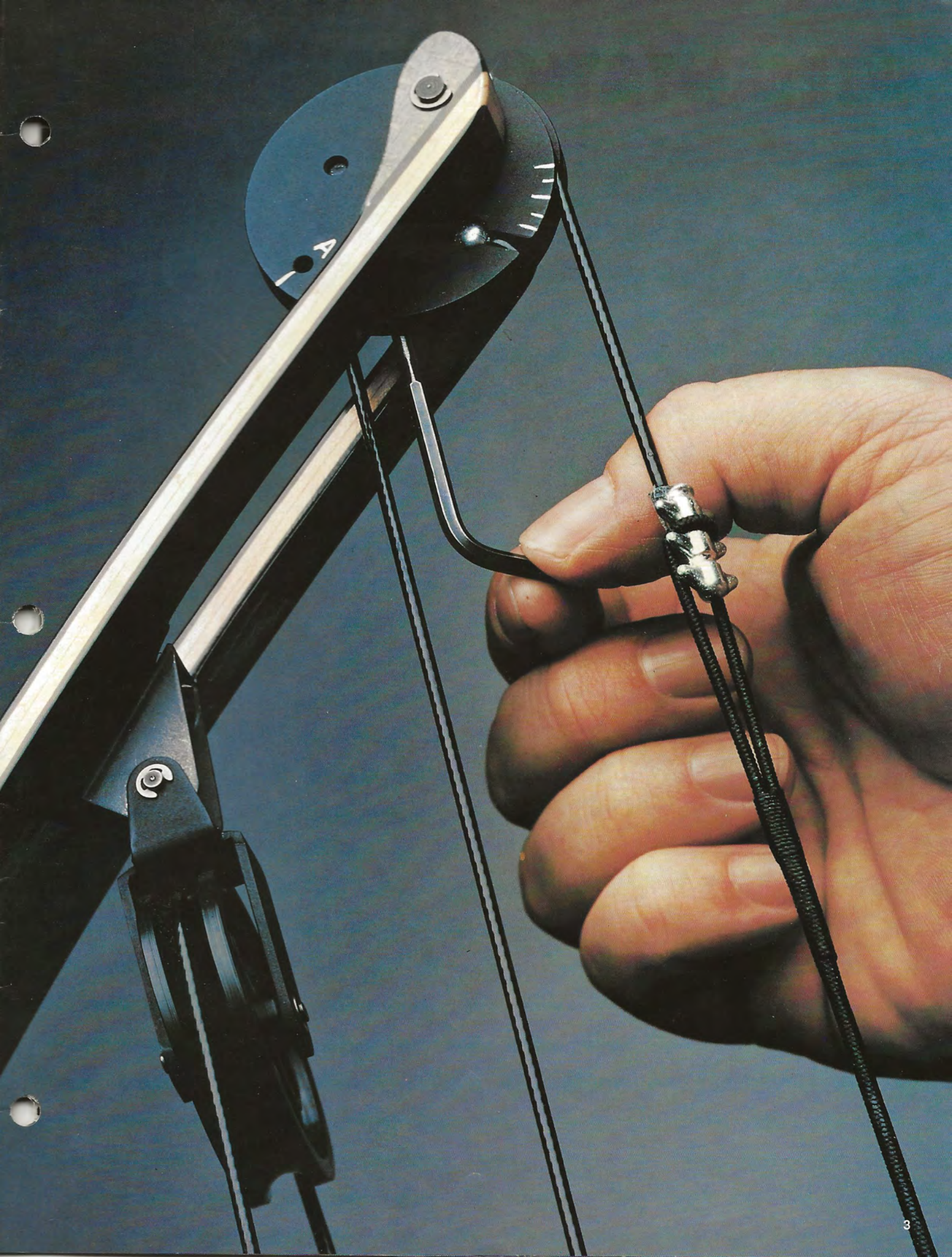
When adjusting dropoff on a 2-step eccentric, the draw length

will not change more than 1% from minimum to maximum dropoff, provided the draw length is not adjusted with the tuning arms.

Available draw length on a given eccentric wheel will increase from minimum to maximum dropoff.

Adjusting a 2-step eccentric wheel from minimum to maximum dropoff, while maintaining a given draw length, will not affect peak weight more than 10%.

When adjusting dropoff of 2-step eccentrics, be sure to relax the weight adjustment to remove the tension from the wheels. This method also facilitates access to lock screws.



PRESENTATION TARGET

Presentation Compounds

Deluxe Presentation features include...

- Unique 2-step eccentric wheel permits dropoff adjustment of approximately 10-50%
- Innovative diecast magnesium handle with $\frac{3}{16}$ " offset for proper bowstring alignment.
- Replaceable grip. Available in Standard, HiWrist or LoWrist for right-handers. Standard only for left-handers.
- Weight adjustment range of approximately 15-20 lbs.
- Easy-to-adjust tuning arms.
- Clear marking on eccentric wheels for easy tuning.
- Self-aligning cable attachment on tuning arm.
- Quick-attach cables—no tools required!

#101 Presentation 48" Target

Model—The ultimate compound for the competition archer! Standard equipment includes Wing cushion plunger, Delrin bushings, 2-step eccentric wheels and tapped holes for stabilizer, bow-sight and bow quiver.

Axle-to-axle length: 48"

Bowstring length: 42"

(stretched at 100 lbs.)

Brace height: 8 $\frac{3}{4}$ "-9 $\frac{3}{4}$ "

Draw length: 25-32"

Weights: 25-40 lbs., 35-50 lbs.

Color: White with white limbs;
chrome fixtures

(Licensed under Allen

Pat. #3486495)



101

PRESENTATION HUNTER

#102 Presentation 48" Hunting Model—The first choice of the serious hunter. Standard equipment includes Delrin bushings, windage adjuster, 2-step eccentric wheels and tapped holes for stabilizer, bow quiver, bowsight and cushion plunger.

Axle-to-axle length: 48"

Bowstring length: 42"
(stretched at 100 lbs.)

Brace height: 8 $\frac{3}{4}$ "-9 $\frac{3}{4}$ "

Draw length: 25-32"

Weights: 45-60 lbs., 55-70 lbs.

Color: Black riser and limbs

(Licensed under Allen

Pat. #3486495)

Popular Presentation accessories include...

#661 2-step eccentric wheel.

#663 draw length "side" of 2-step wheel. (Available sizes: 26", 28", 30" and 32")

#673 replaceable grip. Specify Standard, HiWrist or LoWrist for right-handers; Standard only for left-handers.

#686 new longer limbs give 52" axle-to-axle length. Increases draw lengths approximately 2" per wheel. (Example: 28" wheel increases to 30", etc.) Specify target or hunting bow. Uses bowstring of 46" (stretched at 100 lbs.).

#695 compound bowstring changer for both hunting and target models.



695

102

THUNDERBIRD HUNTER

Thunderbird Compounds

Thunderbird features

With its clean lines, easy adjustment, and smooth-shooting performance, the Thunderbird is a joy to use and to own.

Lightweight, limb-mounted 3-step eccentric wheels provide greater relaxation at full draw, yet deliver the extra power the compound bow user demands. The 3-step eccentrics also can be changed to alter draw length without affecting limb weight. Other highlights include...

- Presentation series diecast magnesium handle with $\frac{3}{16}$ " offset for proper bowstring alignment.
- Replaceable grip. Available in Standard, HiWrist or LoWrist for right-handers. Standard only for left-handers.
- Two-wheel, self-tuning design for easy operation.
- Dropoff adjustment of approximately 50%.
- Easy, one-tool adjustment of draw weight, bowstring and harness changing.
- Fast take-down for simple transportation.

#115 Thunderbird 48" Hunting Model—A fast, smooth, extremely accurate performer—and an instant success! Standard equipment includes diecast magnesium handle, 3-step eccentric wheels, new wing rest and tapped holes for stabilizer, cushion plunger, bowsight and bow quiver.

Axle-to-axle length: 48"

Bowstring length: 42"

(stretched at 100 lbs.)

Brace height: $9\frac{1}{2}$ "- $10\frac{1}{2}$ "

Draw lengths: 24-26", 26-28",

28-30", 30-32"

Weights: 45-60 lbs., 55-70 lbs.

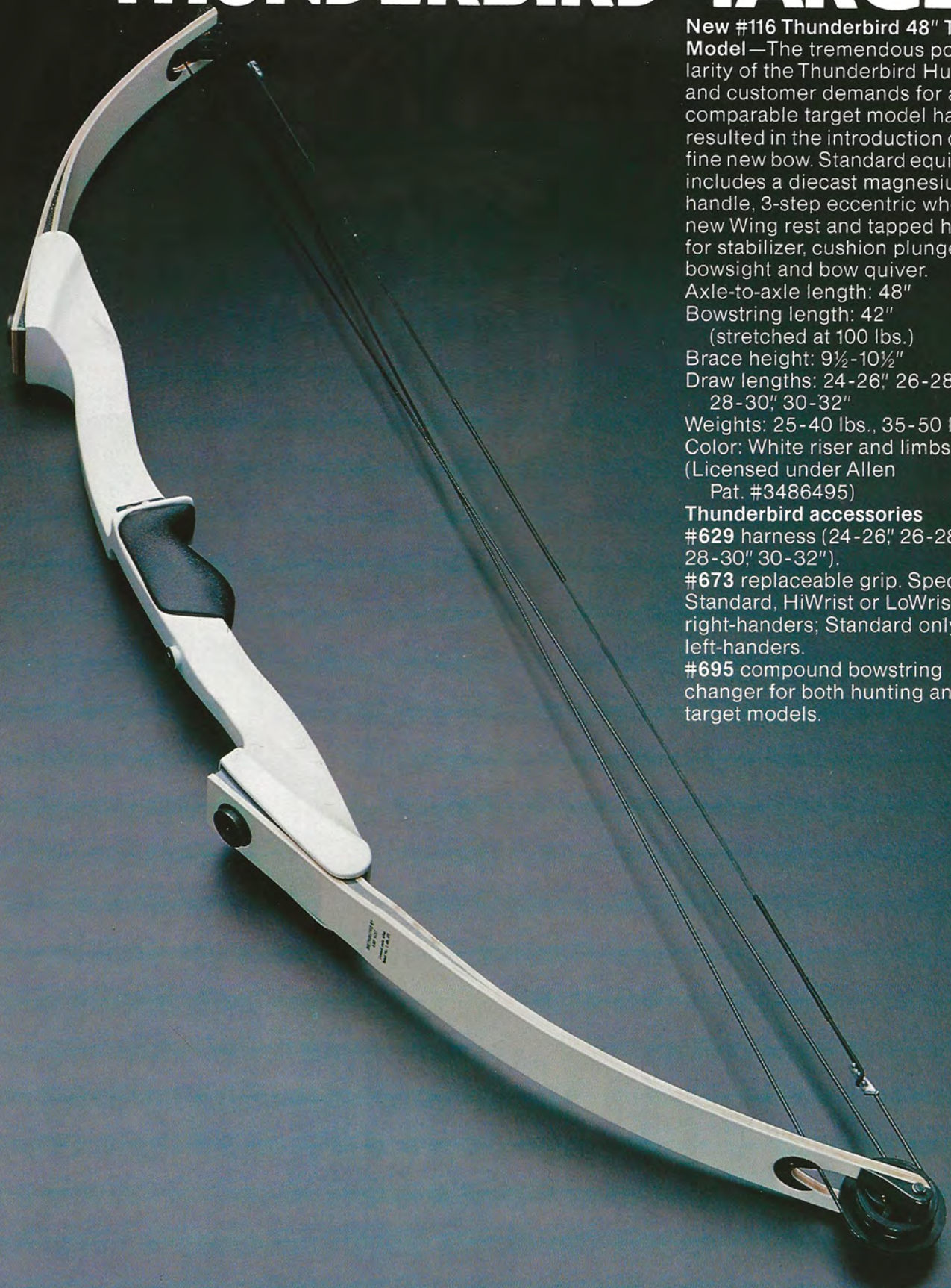
Color: Black riser and limbs

(Licensed under Allen

Pat. #3486495)



THUNDERBIRD TARGET



New #116 Thunderbird 48" Target Model—The tremendous popularity of the Thunderbird Hunter and customer demands for a comparable target model have resulted in the introduction of this fine new bow. Standard equipment includes a diecast magnesium handle, 3-step eccentric wheels, new Wing rest and tapped holes for stabilizer, cushion plunger, bowsight and bow quiver.

Axle-to-axle length: 48"

Bowstring length: 42"
(stretched at 100 lbs.)

Brace height: 9½"-10½"

Draw lengths: 24-26", 26-28",
28-30", 30-32"

Weights: 25-40 lbs., 35-50 lbs.

Color: White riser and limbs
(Licensed under Allen
Pat. #3486495)

Thunderbird accessories

#629 harness (24-26", 26-28",
28-30", 30-32").

#673 replaceable grip. Specify Standard, HiWrist or LoWrist for right-handers; Standard only for left-handers.

#695 compound bowstring changer for both hunting and target models.

New 116

CHAPARRAL COMPOUND

#105 Chaparral 46" Hunting & Target Bow—This versatile, popular compound takes on even greater appeal with the addition of several new refinements. The bracket mounting system for the wheels has been improved, and we've picked up a styling plus from the Thunderbird with a new glossy black finish. Composite limbs grace a Presentation series diecast magnesium handle, which features a $\frac{3}{16}$ " offset for proper bowstring alignment.

Smooth-drawing accuracy comes from the lightweight 3-step eccentric wheels that store more energy to deliver harder-hitting force to the arrow. Archers can change draw lengths without sacrificing peakweights.

Standard equipment includes diecast magnesium handle, with replaceable grip, 3-step eccentric wheels, hunting rest, and tapped holes for stabilizer, cushion plunger, bow quiver and bowsight.

Axle-to-axle length: 46"

Bowstring length: 39"

(stretched at 100 lbs.)

Brace height: 9½"-10½"

Draw lengths: 25-27," 27-29,"

29-31"

Weights: 25-40 lbs. 45-60 lbs.

Color: Black riser and limbs

(Licensed under Allen

Pat. #3486495)

Chaparral accessories

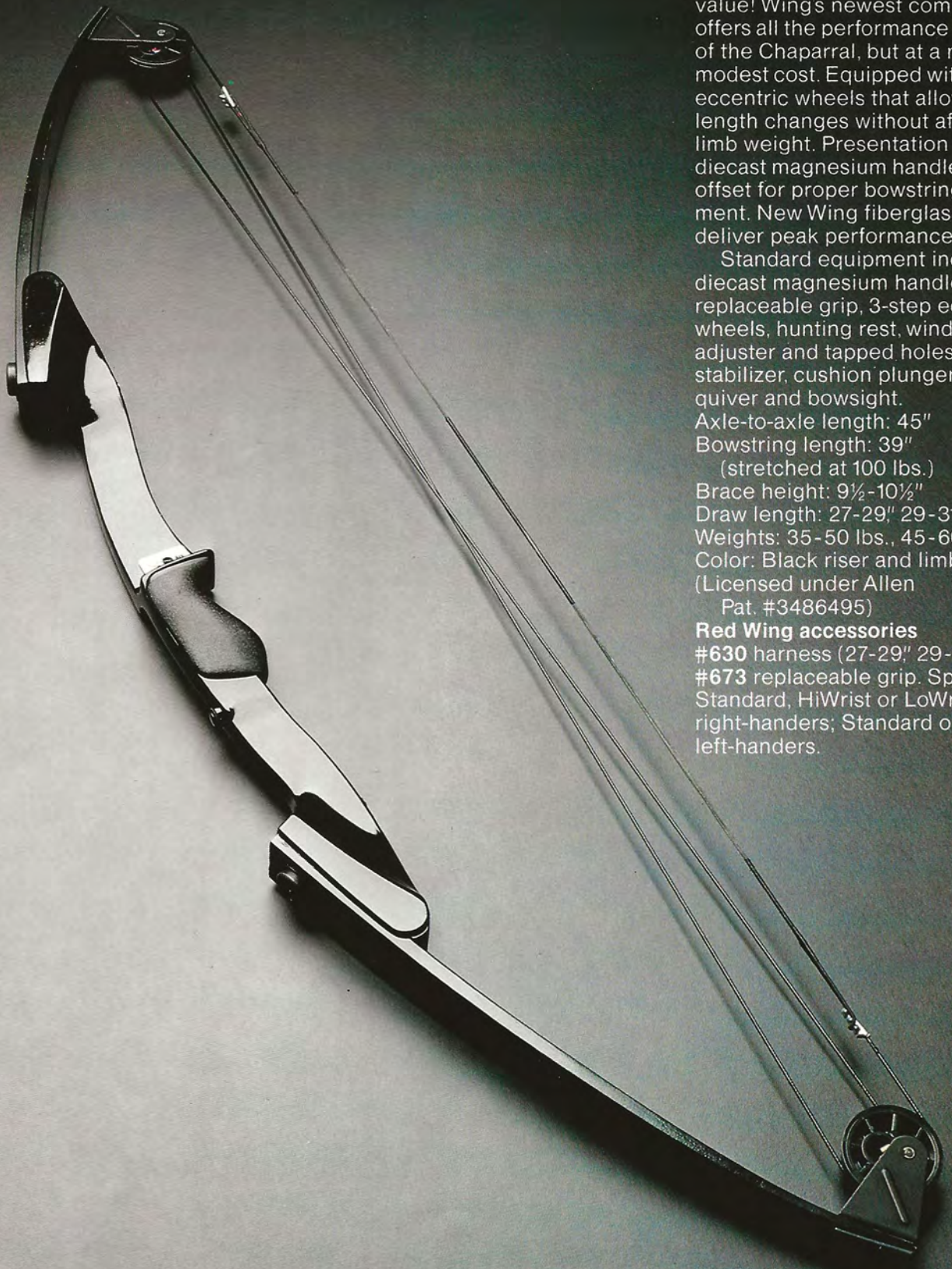
#628 harness (25-27," 27-29," 29-31").

#673 replaceable grip. Specify Standard, HiWrist or LoWrist for right-handers; Standard only for left-handers.



New 105

RED WING COMPOUND



New #106 Red Wing 45" Compound Bow—An unsurpassed value! Wing's newest compound offers all the performance features of the Chaparral, but at a more modest cost. Equipped with 3-step eccentric wheels that allow draw-length changes without affecting limb weight. Presentation series diecast magnesium handle has $\frac{3}{16}$ " offset for proper bowstring alignment. New Wing fiberglass limbs deliver peak performance.

Standard equipment includes diecast magnesium handle, with replaceable grip, 3-step eccentric wheels, hunting rest, windage adjuster and tapped holes for stabilizer, cushion plunger, bow quiver and bowsight.

Axle-to-axle length: 45"

Bowstring length: 39"

(stretched at 100 lbs.)

Brace height: $9\frac{1}{2}$ "- $10\frac{1}{2}$ "

Draw length: 27-29", 29-31"

Weights: 35-50 lbs., 45-60 lbs.

Color: Black riser and limbs

(Licensed under Allen

Pat. #3486495)

Red Wing accessories

#630 harness (27-29", 29-31").

#673 replaceable grip. Specify Standard, HiWrist or LoWrist for right-handers; Standard only for left-handers.

New 106

COMPETITION II

New #160 Competition II Target Bow—Top tournament shooters acclaim the advanced features of this new bow. An earlier version of this bow won medals at Montreal and many world tournaments. And this one is even better! Because now for the first time, the archer can set up his recurve for a precision match with his style of shooting! This advance is made possible by a new diecast magnesium handle that features limb couplings that allow for weight adjustment through a 10-lb. range and also permit the archer to tiller his own bow. As a further aid to custom performance, the handle features a replaceable grip. It's available in Standard, HiWrist or LoWrist for right-handers; Standard only for left-handers.

Standard equipment includes accommodations for 3-5 stabilizers, counter balance positions, Wing cushion plunger, new Wing rest plus monofilament-served bowstring.

Optional equipment includes stabilizers, counter weights, sight extension and flex couplers.

AMO length: 66" and 70"

Brace height: 7 $\frac{3}{4}$ "-8 $\frac{3}{4}$ "

Weights: 30-40 lbs., 40-50 lbs.

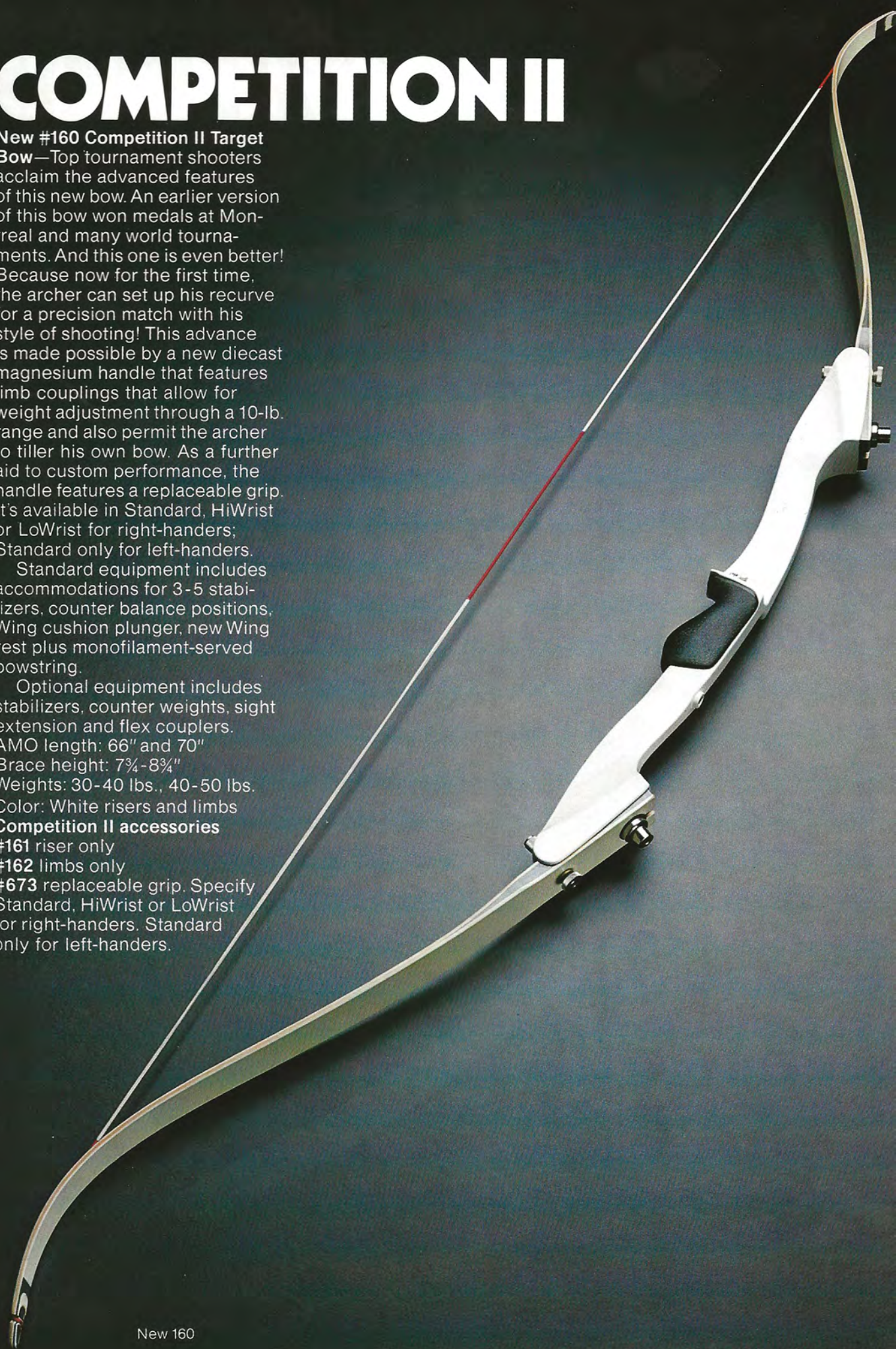
Color: White risers and limbs

Competition II accessories

#161 riser only

#162 limbs only

#673 replaceable grip. Specify Standard, HiWrist or LoWrist for right-handers. Standard only for left-handers.



New 160

BOW QUIVERS

#501 Wing Bow Quiver—Rugged, yet lightweight—one of the most popular quivers ever made. Unique aluminum and nylon construction makes arrows rattle-proof. Clamp secures six arrows of any size, keeping them ready for instant takeout. Loads easily and doesn't interfere with shooting. Won't scratch or mar the bow. Comes with adjustable sliding brackets that attach to any Wing hunting bow in seconds. Also has tape-on pads for use with other bows. Insert adapter #550 available for all bows.

Accessories

#502 arrow clamp

#503 rod clamps and screws

#504 tape-on pads

#505 cup insert

#506 brackets (complete)

#507 Allen wrench

#550 insert adapter for all bows

#575 Seven-Arrow Quiver—

Extremely lightweight, economical and versatile quiver utilizes the new sight mounting holes instead of the regular bow quiver inserts. Quiver can be installed either right- or left-handed and needs no special adapters to mount. Can be used with Wing's #882 Hunting Sight.



501

575