

DAMON HOWATT



MAMBA SHARPSHOOTER

The SHARPSHOOTER is 5' 6" long with a long sight window and center shot design. The tournament bow plus ultra. Its excellent cast is reflected in the fact that most popular drawing weights are 35 to 40 lbs.,

which is indicative that these weights are sufficient in most cases for the York round. Especially recommended for competitive target and field shooting. Weight limit 55 lbs. Price.....**\$55.00**



MAMBA HUNTER

The HUNTER is the SHARPSHOOTER less the long mid-section and without the sight window. 5 ft. in length, it is especially adapted to hunting and similar uses. It is center shot in design. The HUNTER de-

livers terrific energy to a heavy arrow and in this respect is second to none. Also very popular as a field and target bow in lighter weights for instinctive shooting. Weight limit 65 lbs. Price.....**\$49.50**

BEAR ARCHERY CO. BOWS

These very excellent bows are so well known they need no description. Kodiak Special \$59.50. Kodiak-Second \$49.50. Grizzly \$39.50. Polar \$29.50. Cub \$22.50. One week delivery usually.

BLACK HAWK BOWS

Black Hawk Bee. A full working recurve bow, 5' 10" long.....\$34.00
Black Hawk Yellowjacket. Modified straight limb bow to 50 lbs... 22.95
Black Hawk Mosquito. This little bow is ideal for the kids and beginners. A recurve bow..... 10.95
Black Hawk Bows are constructed of glass, wood and plastic.

All merchandise sold by us is guaranteed to be satisfactory on delivery on a refund or exchange basis. If merchandise is used or processed in any manner, we guarantee nothing and assume no responsibility whatever unless otherwise stated in this catalogue.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

TERMS—Cash with order or C.O.D. Open account only after established credit.

BOW MATERIALS

Ultrabac and Glasface—90c per 1/4" pr.—36" long, 1 1/2" wide...\$5.40 pr.
Ultrabac and Glasface—90c per 1/4" pr.—36" long, 2" wide..... 7.20 pr.
Ultrabac—Brown, green, black, tan, red. Glasface—Brown, green, yellow, tan, black, red, white. Ultrabac and Glasface are stripsheet. Use Urac 185 or Cascophen glue. Laminations parallel or tapered .002 per inch. 1 3/4" maximum width. Ultrabac and Glasface cut 2" by 1" by 36". \$5.50 pair will make 1 3/4" bow. Laminations cut ditto, 36" long, 75c each. Parallel or tapered.
Urac 185 glue, qt. \$3.50; pint \$2.00; quarter-pint \$1.00.

STREAMEZE GLASS BOWS

\$ 5.95—A junior model, tough enough to take it.
\$12.95—A medium model for the teen-agers and beginners.
\$19.95—This model is very popular.

These durable take-apart bows are recommended for schools, camps, etc.

CASH ORDERS POSTPAID — YOU PAY C.O.D.

Washington Residents — Don't Forget the Sales Tax



ARROWS—Our woods are second to none in precision workmanship and quality. All custom arrows are dipped in clear nitrate dope for perfect sealing, then finished in brilliant lacquer. Red, yellow, orange, white, or clear. Beautifully crested in 3 or more colors.

ARROW KITS

12 shafts, $\frac{1}{16}$, $\frac{1}{8}$, or $\frac{3}{16}$, matched spine, 10 gr. weight, 12 Robin Hood nocks, 12 target points, 25 grey bar feathers, 12 colored.
 With $3\frac{1}{4}$ " cut feathers \$3.65 @ 2 kits.....\$7.00
 With $4\frac{1}{4}$ " cut feathers 3.80 @ 2 kits..... 7.50
 With $5\frac{1}{4}$ " cut feathers 3.95 @ 2 kits..... 7.60
 Add 35c for non-skid or tapered field points.

HUNTING ARROW KITS

12 matched shafts, $\frac{1}{8}$ or $\frac{1}{16}$; 12 Robin Hood nocks, 12 broadheads. Panther, Cobra, MA3, Hi-Precision, LaFond, Hill's Hornet, Bodkin, Ace. 36 $5\frac{1}{4}$ " cut feathers, $\frac{1}{3}$ dyed. 1 kit, \$6.75; 2 kits, \$12.95.

Catalogue Special

COMPLETE ARROW MAKING OUTFIT

1 Malhusen Spiro fletcher	\$10.00
1 Howatt feather burner, complete.....	8.50
1 Ace taper cutting and tenoning tool.....	6.50
1 3-jaw chuck with adaptor for motor.....	2.50
1 dozen matched cedar shafts.....	2.00
36 base ground feathers, $\frac{1}{3}$ colored.....	1.80
12 target points50
12 nocks40

Regular Value \$32.20

CATALOGUE PRICE \$27.70

For Bitzenburger fletcher add \$2.00, for Rhode add \$1.50

The arrow pictured here is the custom tournament field arrow. Tapered cedar, 10 gr. matching, 5" feather, in white or dyed white fletching (red, yellow, orange or any combo), choice of any field point. Black diamond 130-150 gr. Ace 160 gr. Hills 125 gr. Warrior 125 gr. ($\frac{1}{16}$ size takes 100 gr. and 70 gr. field point). This arrow can be supplied in $\frac{1}{16}$, $\frac{1}{8}$, or $\frac{3}{16}$ shafts for bows from 30 to 70 lbs. Tournament field, \$11.50 dozen; with barred feathers, \$10.50 dozen.

We cannot recommend too highly the Ace and Black Diamond field points. Ace is 160 gr. and Black Diamond 150 and 130 gr. These taper bore points take up more shock and reduce arrow breakage better than any point we have tried. Ace is probably best small game point because of square faced style; Black Diamond is probably best all purpose. Both are very good.

The arrow illustrated is the tournament target arrow. Same general specifications as tournament field except target point. Generally a smaller feather is used on target arrows because of the longer ranges. (York Round 100 yds.) We recommend 3" feathers on $\frac{1}{16}$ shafts, 4" feathers on $\frac{1}{8}$ shafts. However, this is a custom arrow and we make to order 3, 4 and 5" feathers. With whites and dyed whites, \$10.50 dozen. With grey and dyed grey, \$9.50 dozen.

These are strictly custom grade. Closely matched in spine and 10 gr. weight. Fletched with Rhode Spiro clamps. Unless otherwise ordered 5" feathers on $\frac{1}{16}$ shafts, 4" on $\frac{1}{8}$ shafts. NOTE: Hill's Hornet, Panther 2, Panther 4, MA3, Hi-Precision, Ace Hi-Speed, Ace Jet, Black Diamond are heads available with $\frac{1}{8}$ ferrules. Above prices are gray bar feathers or dyed red, yellow, blue, orange, green, or any combination. Add \$1.00 dozen for fletching in white or dyed white feathers, in red, yellow, orange or combinations. Shaft colors: Red, orange, yellow, white, clear.

Don't forget to state bow weight and arrow length.

All hunting arrows made $\frac{3}{4}$ " over length unless otherwise ordered. Hunting heads mounted horizontally and lengths exact on request.

HUNTING ARROWS

Hill's Hornet	\$13.00 Doz.	Panther 4 blade.....	\$13.00 Doz.	Ace Hi-Speed	\$13.50 Doz.
Bodkin	13.00 "	Panther 2 blade.....	13.00 "	Ace Standard.....	13.50 "
Hi-Precision	13.00 "	Mickey Finn.....	13.50 "	Ace Jet	13.50 "
Cobra	13.00 "	Black Diamond.....	14.00 "	Ace Express	13.50 "
MA3	13.00 "	Black Diamond Eskimo.....	14.50 "	LaFond	13.00 "

HOWATT SPECIAL

A very good practice arrow for general field and target shooting. Closely matched in spine and reasonably matched in weight. Same crafted finish as the more expensive custom arrows. Parallel target points, choice of red, yellow, orange, white shafts. 4" feathers in bars or dyed bars. \$7.75 dozen.

RABBIT ARROWS

This arrow is famous from coast to coast as the most arrow for the money. Too good to be a shoot-away and too low-priced to be true. $11/32$ shafts, 4" feather, Robin Hood nocks, .38 shell case points, matched spine for 35 to 65 lb. bows. Minimum order, 24 for \$7.00 POSTPAID. Maximum length 29".

FRIAR TUCK ARROWS

Same arrow, same specification as Rabbit arrow, except fitted with $11/32$ parallel target points. 1 dozen \$4.50, 2 dozen \$8.50 postpaid.

FORGEWOOD ARROWS

Forgewoods are made of compressed cedar. These shafts are deservingly popular and are especially good for hunting arrows because of the increased stiffness and density. Allow 3 weeks for delivery on these.

Target Field, Blunt	Broadhead
Forgewoods Footed	\$21.00
Forgewoods Unfooted	19.00
Battleshafts Footed	18.00
Battleshafts Unfooted	16.00
	\$20.50 plus price of Broadhead
	18.50 plus price of Broadhead
	17.50 plus price of Broadhead
	15.50 plus price of Broadhead

LITTLE JOHN ARROWS

Same as Friar Tuck arrows except $5/16$ shaft and $9/32$ shafts. $5/16$ parallel target points. 1 dozen \$4.50, 2 dozen \$8.50 postpaid.

EASTON ALUMINUM ARROWS

The plus ultra in arrows. This arrow is so good that it would be difficult to find a champion who doesn't use them. Since James Easton perfected his system of controlled wall thickness for spine matching, many competitive archery round records have been broken—and by a considerable margin. Perhaps it would be safe to say all records have been broken. Because of the cost we do not recommend Eastons for everyone. But we certainly do recommend them to the serious archer who is shooting a reasonably good score and who wants to improve that score. If the price seems high it must be remembered that a set of aluminums will out-wear three sets of woods. Fletched in any combination or choice of feathers. Specify bow weights, arrow lengths.

\$27.00 dozen. Hunting, \$30.00 dozen.

Arrow length is 'nock seat to shoulder of point.

MAMBA GLASS ARROWS

This type arrow has proven to be extremely popular. It is straight and stays straight; it doesn't kink and doesn't break easily. For rough and tough use it is in a class by itself. It can be supplied for bows 30 to 65 lb. Very good for extra big game, such as moose, caribou, elk, etc.

Mamba Glass—Target or Field.....	\$21.00 Doz.
Mamba Glass—Broadheads	24.00 Doz.

ARMIGARDS

Full length, wide, with 1-inch stay for full protection, No. 110.....\$2.00
Semi-narrow, tapered design, ample protection, No. 100.....1.50

SHOOTING GLOVES

Closed end style with Cordovan tips and elastic insert, No. 230.....\$2.25
Open end style with Cordovan tips and elastic insert, No. 220.....2.00
Cordovan glove-tab, No. 250 GT.....1.45
Cowhide finger tab, No. 251......75
Be sure to state glove size—Extra large, large, medium, small.

LADIES' QUIVERS

Deluxe field and hunting quiver, Same as men's 430 style in smaller proportions. Length 20 1/2", top 7 1/2", bottom 5", No. 430L—Dark brown elk or two-tone.....18.50
Same as above, No. 430LW—White Elk.....19.50
Same as above, No. 430LS—Bear Grain leather.....19.50
White accessories to match above quiver, No. 100W armguard and large.....2.25
Artabuk quivers—No. 485, quiver with pocket.....4.00
Artabuk No. 450 belt quiver.....1.10

QUIVERS

Deluxe 3-arrow division hunting and field quiver, Easily carries 3 dozen arrows. Length 23", top 9", bottom 6", Large pocket 13" x 6 1/2", knife, file and pencil holders, No. 430, dark brown elk or two-tone.....19.95

Same as above, No. 430S, Beaver Grain leather.....19.95
Large 2-division quiver, Length 20 1/2", top 8", bottom 6", Pocket 11 1/2" x 5 1/2", No. 420S.....10.95

LEATHER GOODS

King Sport Line
WRITE FOR ITEMS NOT LISTED

Extremely durable. Recommended for rocky terrain or for any use where demand is rough and tough. Particularly good for extra big game, such as moose, caribou, elk, etc.
Mamba glass arrows, for bows 30 to 65 lbs., finished.....\$21.00 Doz.
Shafts with nocks and points attached.....19.00
For Broadheads add \$3.00

GLASS SHAFTS

Unquestionably the finest shafting available. Matched to your bow, points attached, tapered for nocks. Price includes nocks (Robin Hood or points attached, tapered for nocks, No. 430LW.....\$20.00. State bow weight and arrow length.

EASTON ALUMINUM SHAFTS

POINTS

Plastic feathers—Wonderfletch with glue, 36 for.....2.00
Warping for feathers—it works......50
Ace taper cutting and reaming tool. This tool cuts any degree taper for nocks or points. Cuts parallel. Comes with extra guides for different size shafts. Best we have seen. Fits 1/2" chuck.....6.50
1/2" chuck (3-1/2") with adaptor for 1/2" motor shaft. Set 2 screws on motor shaft and you are ready to go.....\$2.50
Parsons gain weight scales. A fine precision scale for matching arrow shafts, points, etc.....\$11.50

BROADHEADS

Parthen—2 edge, 9/32 75 gr.; 5/16 100 gr.; 11/32 120 gr.....\$3.75 Doz.
Cobra—5/16 100 gr.; 11/32 125 gr.....4.35
Field points, taper bore, interchangeable, to match all Panther and Cobra heads, 50c dozen.....4.50
Ace Hi-Speed, 125 gr.....\$4.50
Ace Standard, 160 gr.....4.50
Ace Jet, 160 gr., 5" taper.....4.50
Best.....Best.....4.50
Large head.....4.50
Laford, 2-edge, 11/32 130 gr.....4.70
Black Diamond 5/16 115 gr.....4.70
4-blade Eskimo.....5.70

SHAFTS

11/32, 5/16 of 9/32 matched spine and 10 gr. wt.—\$2.00 first dozen; \$1.75 any additional dozens. Matched spine—per 100, \$13.00. Select—per 100, \$8.25.
PARALLEL P. O. CEDAR

11/32, 5/16 of 9/32 matched spine, 10 gr. wt., \$2.25 first dozen; \$2.00 any additional dozens.
Matched spine—per 100, \$14.00 Select, not matched, \$9.00. Shafts postpaid.
TAPERED P. O. CEDAR

11/32 to 5/16 matched spine, 10 gr. wt., \$2.25 first dozen; \$2.00 any additional dozens.
Matched spine—per 100, \$14.00 Select, not matched, \$9.00. Shafts postpaid.

FISH REEL—WORKS Like spinning reel, with 50 ft. Nylon.....\$3.75 complete

MISCELLANEOUS

Hand knurling tool.....3.50
Beter bow sight.....4.50
Howatt Burner, A husky production burner designed to give maximum service. Finger tip adjustments, instant change of burners. 3 wires, 3, 4 and 5 inch. Built for years of service.....8.50
Fleetwood Kit, You assemble. This low-cost kit is O.K. for occasional use.....\$2.50

FEATHER BURNERS

This remarkable tool is the most versatile of all. It fletches 3 feathers at once, true helical spiral, right or left wing, any feather to 6 inch long. It takes without adjustment any shaft 1/4" to 3/8"; any size neck 1/4" to 3/8". The glue line is visible. With a little practice anyone can do a good job with a Malhusen. We heartily recommend it for the home craftsman. Price postpaid, \$10.00.
MALHUSEN FLETCHER

The clamp is held securely in place by strong magnets.....12.65
Fletcher's. The clamp is held securely in place by strong magnets.....12.65
Fletcher's. This is probably the most popular of all to be used by the amateur.....10.50
Rhode Spite—This is one of the most popular fletching tools. Fletches a true helical feather which eliminates planing in hunting arrows. Be sure to state whether left or right wing feathers are to be used.....4.50
Fletcher's. Fletches all three feathers at once.....\$2.00

FLETCHERS

3 1/2" 36 cuts, 1/3 dyed.....\$1.00
4 1/4" 36 cuts, 1/3 dyed.....1.30
5 1/4" 36 cuts, 1/3 dyed.....1.60

CUT FEATHERS

We have more left wing than right wing and delivery probably will be faster on lefts.
1000.....27.00
500.....23.00
250.....20.00
100.....17.00
50.....15.00

PREMIUM GRADE TOMS

Colors—Yellow, orange, blue, green, red.....21.00
1000.....19.00
500.....10.00
250.....4.50
100.....2.50
50.....2.75
1 Dozen......65

DYED BARS

FEATHERS

Dacron No. 207 heat treated \$2.65 1/4 lb.....\$1.25
For bows 5', 5' 2", 5' 6", 5' 8", 5' 9" and 6'.....\$1.25

DACRON BOW STRINGS

GREYBARS
We do our own processing and can give immediate delivery in most cases.



MAXIMUM STABILITY EXCEPTIONAL CAST SMOOTH DRAW

MAMBA FIFTY-FOUR
The Fifty-Four was designed expressly for competitive shooting. Nothing has been spared to make it the finest bow possible. 5' 9" long, it has the silky smoothness of the long bow plus the lightning speed of the short bow, plus a remarkable stability. This is accomplished through the judicious use of the modified Oriental handle and the Eicholtz limb. It all adds up to higher scores and more enjoyment for you. Particularly priced at **\$57.50**.

REMARKABLE STABILITY

SMOOTH ACTION

7 INCH SIGHT WINDOW

BOWS

MAMBA BOWS are designed and built by men who know bows and bow requirements—men who know how to get the last ounce of smooth energy into these beautiful creations in wood and glass. Good bows are not just *built*; they *grow*—they attain stature and maturity from years and years of experience, from untold hours of trial and error, from observation, from change, from improvement.

You may be sure that when you choose MAMBA you are making a judicious choice performance—wise. MAMBA performance may be approached but not excelled.

SPECIFICATIONS

MAMBA bows are made of ultrabac glass backing, Eastern hard maple core and parallel filament glass facing. The SHARP-SHOOTER has laminated handle unless otherwise ordered. The HUNTER has solid walnut handle except on special order. Colors: Backing—brown, green, red, black, tan; facing—brown, green, red, black, tan, white, yellow. Delivery, usually 10 days. Special color orders, 2 to 3 weeks. Much faster delivery usually if no colors specified. Standard bow guarantee.

SHARPSHOOTER 20

This fine bow was designed as a combination bow. Long enough for good stability (5' 6" 6"), ideal for competitive shooting, yet very efficient with heavy arrows. The hunting and field bow de luxe. The perfect choice for all around use. Guaranteed to 28-inch draw.

MAMBA HUNTER

Designed as a hunter, this bow is 5 feet long. Jeep, horseback, or car, it fits. The ultimate in heavy arrow efficiency. Also popular as a field bow in lighter weights where maximum cast and smoothness per pound of draw are important considerations. Center shot. Guaranteed to 28-inch draw.

MAMBA GUARANTEE

MAMBA BOWS are guaranteed for one year. Should bow failure occur within 60 days of purchase, free replacement or repair will be made. After that a charge of 10% per month for the balance of the 12 months. In order to qualify for replacement it must be evident that the bow has not been abused or mishandled. Guarantee card must be returned within 10 days of purchase date.

