



**AR**<sup>TM</sup>

ARCHERY RESEARCH

**2007  
PRODUCT  
GUIDE**



## SHOOT WITH VELOCITY...

VELOCITY™



The 2007 AR Velocity™ is the most revolutionary bow design to hit the archery market. With years of engineering and product development from top to bottom, this bow will change the way the world thinks about compound bows. Its compact geometry is like no other with huge benefits to the archer. The Velocity™ delivers blistering arrow speeds, unrivaled maneuverability, and phenomenal accuracy in a lightweight package that can't be beat.



The fastest AR cam ever produced! The modular design produces near perfect nock-travel and optimizes draw force curves. The new draw stop design allows a wide range of valley adjustments to suit the individual archer. Adjustable let-off-65% or 80%.



The AR Velocity™ features eleven factory-installed vibration dampening components for an ultra-smooth feel.



The unique geometry of the Velocity™ is achieved by utilizing 9" limbs and allows the use of a straighter riser to create an incredibly maneuverable and compact package.



The Velocity™ pockets feature individual limb bolts that allow easy, in-the-field changes without the use of a bowpress! Independently adjustable pivoting limb pockets take precision limb tuning to a new level.

### VELOCITY™

Brace Height:	6-1/2"
Axle-to-Axle:	34"
Let-Off %:	Effective 80% or 65%
IBO Speed:	320-312 fps (@ 80%)
Mass Weight:	3.9 lbs.
Draw Lengths:	26"-30" Range
Shipped in:	28", 29" or 30"
Draw Weights:	60# and 70#
Finish:	New Break-Up®
Part #:	0628RV

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NOW WITH EVEN MORE FEATURES.



AR-35™



The Ram and a Half™ cam features perfectly tuned nock travel and optimized draw force curves at every draw length setting.



Archery Research risers offer the widest range of sight mounting positions of any bow on the market. Four sets of holes are provided for any shooting style.

Stainless steel inserts provide a high-strength, rust-resistant attachment point for secure stabilizer installation.



#### ALSO AVAILABLE

#### AR-35 SD™

With draw weights ranging from 40 to 70 lbs., the powerful S5™ cam, Hyperlite™ unibody pockets and an all new riser design, the AR-35™ SD packs incredible performance into a bow engineered specifically for shorter draw archers. (23" to 27" draw lengths)



How do you improve on one of the finest bows on the market? Start by adding the new Hyperlite™ Unibody limb pockets for exceptional support, include the Ram and a Half™ cam along with one of the lightest and strongest risers ever produced. It all adds up to the ultimate in shooting performance. Fast, ultra smooth and virtually vibration free, the new AR-35™ is the standard by which other bows will be measured.

#### AR-35™

Brace Height:	7-1/4"
Axle-to-Axle:	35-1/2"
Let-Off %:	Effective 75% or 65%
IBO Speed:	314-306 fps
Mass Weight:	3.99 lbs.
Draw Lengths:	26"-30" Range
Shipped in:	29" only
Draw Weights:	60# and 70#
Finish:	New Break-Up®
Part #:	0627R5

Visit [www.archeryresearch.com](http://www.archeryresearch.com) for the latest product information!



## A DEER HUNTER'S DREAM.



AR-32™



The engineers at Archery Research have designed the AR-32 riser to make it the lightest and strongest ever produced. In addition, the new Hyperlite™ Unibody Limb Pockets, Multi-Position Sight Mounts, Centershot Alignment Marks, the Ram and a Half™ cam system and an axle-to-axle length of only 32.75" the AR-32™ gives hunters awesome performance and great feel in a compact design.



The Ram and a Half™ cam features perfectly tuned nock travel and optimized draw force curves at every draw length setting.



The new Hyperlite™ unibody pocket system offers silent operation and precise limb alignment for an improved level of reliability and shooting accuracy.



Accessory mounts are machined into the AR-32™ riser for easy mounting of popular accessories.

### AR-32™

Brace Height:	8"
Axle-to-Axle:	32-3/4"
Let-Off %:	Effective 75% or 65%
IBO Speed:	308-300 fps (@80%)
Mass Weight:	3.98 lbs.
Draw Lengths:	26"-30" Range
Shipped in:	29"
Draw Weights:	60# and 70#
Finish:	New Break-Up®
Part #:	0624R5

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## REDESIGNED AND BACK BY POPULAR DEMAND!



AR-31™



The Ram Plus™ cam features improved nock travel and optimized draw force curves at every draw length setting.



Unique centershot and nock point alignment marks give easy reference for quick and simple bow set-up.



The new Hyperlite™ unibody pocket system offers silent operation and precise limb alignment for an improved level of reliability and shooting accuracy.

Developed with the treestand hunter in mind, the AR-31™ proves that you don't have to sacrifice performance or shootability with a short axle-to-axle bow. At only 31 and a half inches, this bow uses radical parallel limb geometry, an all new riser design and the Ram Plus™ Cam to deliver a fast, smooth, vibration free bow that is a breeze to shoot!

### AR-31™

Brace Height:	8-1/4"
Axle-to-Axle:	31-1/2"
Let-Off %:	80% or 65%
IBO Speed:	304-296 fps
Mass Weight:	4.2 lbs
Draw Lengths:	25"-30" Range
Shipped in:	29"
Draw Weights:	60# and 70#
Finish:	New Break-Up®
Part #:	0729RP



## SIGHTS



### ◀ NIGHTHAWK™ 5 PIN

- 5-pins for longer range shooting and shot placement
- Machined aluminum sight body and bracket
- EZ Adjustable knobs #41412
- Also available in NightHawk™ 3-pin #41298



### ◀ F-35™

- Oblong pin-guard provides a larger sight picture
- Seven .029 fiber optic pins
- Stainless steel adjustable windage and elevation
- Third axis adjustability increases accuracy for uphill and downhill shooting situations
- Quick detach kit included #41322



### ◀ TOP GUN™ F-18™

- Angled pin track for "same plane" pin alignment
- True radius pin guard
- Includes Glo™ ring
- Machined aluminum pin guard equipped to hold the PSE Indiglo™ sight light #41217



### ◀ TOP GUN™ F-16™

- Injection molded true radius pin guard for fast target acquisition
- Dual pin track allows for zero pin gap spacing
- Three machined Top Gun™ sight pins #41220

## RESTS



### ◀ PHANTOM™ DROP AWAY

- Our finest drop-away rest
- Features a full capture platform for the arrow, falls out of the way for complete arrow clearance
- Oversize adjustment screws
- Right hand #41323R Left hand #41323L



### ◀ PROWLER™ DROP AWAY

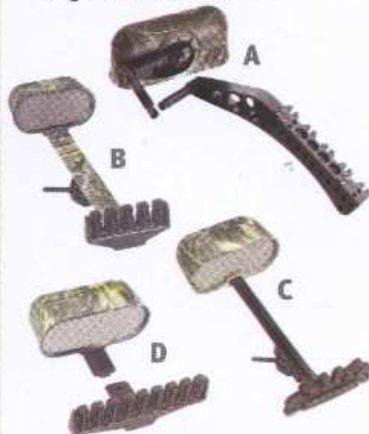
- Oversized adjustment screws
- Simple, dependable drop-away arrow rest
- Provides complete arrow clearance
- Right hand #01071R Left hand #01071L



### ◀ TOP GUN™ HORNET™

- Converts easily from right to left hand
- Dovetail windage block makes minor adjustments quick and simple #41223

## QUIVERS



### A) VERTEX™

- Six adjustable positions for multiple arrow lengths
- Holds five arrows of any size
- Extended arrow clip positions the arrow nocks above the lower cam for protection
- #01042BU

### B) ONE-PIECE 4 ARROW

- Machined aluminum frame
- Mongoose™ quick detach quiver bracket
- #16114BU

### C) MONGOOSE™ 6 ARROW

- Lightweight, durable, and compact
- Mongoose™ quick-detach quiver bracket
- #16116BU

### D) TWO-PIECE 8 ARROW

- Lightweight and durable
- #16128BU



# ARROWS

## RADIAL X WEAVE PRO 200

### RADIAL X WEAVE™ PRO

- Straightness ± .001
- Grain weight matched to ± one grain per dozen
  - Shafts or fletched arrows

**DOZEN- #1990RXP**

GRAINS PER INCH	SPINE
100=6.6	.520
200=7.5	.424
300=8.6	.359

## RADIAL X WEAVE PREDATOR 300

### RADIAL X WEAVE™ PREDATOR™

- Straightness ± .003
- Grain weight matched to 5 grains per dozen
  - Shafts or fletched arrows

**DOZEN- #1990PRE**  
**HALF DOZEN- #1960PRE**

GRAINS PER INCH	SPINE
100=6.6	.520
200=7.5	.424
300=8.6	.359

## RADIAL X WEAVE STL HUNTER 400

### RADIAL X WEAVE™ STL HUNTER™

- Straightness ± .006
- Grain weight matched to 5 grains per dozen
  - Shafts or fletched arrows

**DOZEN- #1990RXH**  
**HALF DOZEN- #1960RXH**

GRAINS PER INCH	SPINE
100=6.6	.520
200=7.5	.424
300=8.6	.359
400=9.2	.337

## RADIAL X WEAVE BLACK MAMBA 400

- Straightness to .003 • 400 series
- 10.5 grains per inch kinetic energy tube included
  - Stainless steel collars and inserts
  - Shafts or fletched arrows

**DOZEN- #1990RXBM**

GRAINS PER INCH	SPINE
400=9.2	.337

## Desperado

### DESPERADO™ YOUTH ARROW

- Fletched arrows only
- Maximum bow peak weight of 50 lbs.
- Pre-cut lengths available in 26", 28" and 30"
- Includes 75 grain field point

**DOZEN- #1990DES**

## ARROW SELECTION CHART

ADJUSTED DRAW WEIGHT	ARROW LENGTH						
	25"	26"	27"	28"	29"	30"	31"
30-35	●	●	●	●	●	●	●
36-39	●	●	●	●	●	●	●
40-45	●	●	●	●	●	●	●
46-51	●	●	●	●	●	●	●
52-57	●	●	●	●	●	●	●
58-63	●	●	●	●	●	●	●
64-69	●	●	●	●	●	●	●
70-75	●	●	●	●	●	●	●
76-81	●	●	●	●	●	●	●
82-87	●	●	●	●	●	●	●
88-93	●	●	●	●	●	●	●

## CARBON FORCE™ ARROW ACCESSORIES

We offer a complete selection of quality arrow accessories.  
See the entire line at [www.archeryresearch.com](http://www.archeryresearch.com)!



**ΩMEGA**  
STABILIZER



**A) OMEGA™ STABILIZER**

- Camo stabilizer with Suspended Rod Technology in a polymer gel
- Machined hoofprints
- Black, Break-Up®, AP HD Brown™, AP HD Green™, and limited quantities of Hardwoods™ HD and Hardwoods™ Green HD  
5" long, 7 oz. #OM5  
8" long, 9 oz. #OM8

**B) ISOLATOR G2™ STABILIZER**

- Proven high performance Isolator technology
- Weighted rod secured in polymer gel
- Extra light 1" diameter design with machined aluminum components
- Black, Break-Up®, AP HD Brown™, AP HD Green™, silver (IG10 only), and limited quantities of Hardwoods™ HD and Hardwoods™ Green HD  
4" long, 5 oz. #IG4  
7" long, 6 oz. #IG7  
10" long, 7 oz. #IG10

**C) ICON™ STABILIZER**

- 7" long, 7 oz.
- VibaSORB™ insert to dissipate vibration
- Perfect for short, fast hunting bows
- Anodized camo finish  
#ICON

**D) SRT™ STABILIZER**

- Camo stabilizer with suspended rod technology in a polymer gel
- Machined aluminum contact point
- Black, Break-Up®, AP HD Brown™, AP HD Green™, and limited quantities of Hardwoods™ HD and Hardwoods™ Green HD  
6" long, 6 oz. #SRT

**E) VIBRAFLEX™ STABILIZER**

- Molded VibaSORB™ stabilizer
- Soft, flexible action
- 5" long, 5 oz. Black #VF1

**F) VIBRACHECK™ HUSH KIT™**

- Consists of two limb pocket pads, two limb bands, one cable guard dampener, and two String Chubs #01096  
Also Available Separately:
- |                      |        |
|----------------------|--------|
| Cable guard dampener | #01097 |
| Limb bands           | #01098 |
| Limb pocket pads     | #01099 |
| String Chubs         | #01067 |



# king ACCESSORIES

Sport Line



## SNEEKY PETE FEET™

- NO NOISY VELCRO™!
- Easy on, easy off design
- Boot Sizes 9-11
- Boot Sizes 11-13

#41244SMM  
#41244LXL

## HUNTER HIP QUIVER

- 6-arrow hip quiver
  - Mossy Oak® Break Up® Camo
  - Designed for bowhunters who prefer to keep their arrows on the hip
- #2500BU



## SUPREME HIP QUIVER

- Four tube design
  - Three utility pockets
  - Camo only
  - Available in right or left hand models
- Right #41116RCA  
Left #41116LCA



## DELUXE BOW HOLDER

- Flex Foam™ with fleece lining
- #41008



## BRAIDED CAMO SLING

- Leather and braided nylon cord
  - Holds shape shot after shot
- #4335CAMO



## 7" THREE-STRAP ARMGUARD

- Our best selling armguard
- 7" vented Flex Foam™ body with three Quick Detach straps
- Camo only

#41121





**AR CHARCOAL  
POLO SHIRT**  
#41157



**AR CAMO CAP**  
#41154



**AR RAM CAM CAP**  
#41428



**AR DECAL**  
#41153  
#41430



**AR BANNER**  
#41164



**AR BLADE CAP**  
#41161

## VISIT ARCHERY RESEARCH ONLINE!




- The Latest Product Information
- Downloads and Special Information
- Customer Hunting Gallery




### VELOCITY™

#### DRAW LENGTHS / DRAW WEIGHTS


	26"	27"	28"	29"	30"
60#	●	●	●	●	●
70#	●	●	●	●	●





**RAM VELOCITY**

- Modular design for perfect nock travel
- -1/2", -1/4" or +1/4" post adjustments
- 1" module adjustments
- 65% or 80% let off adjustment





DRAW FORCE CURVE

### AR-35™

#### DRAW LENGTHS / DRAW WEIGHTS


	26"	27"	28"	29"	30"
60#	●	●	●	●	●
70#	●	●	●	●	●





**RAM AND A HALF**

- 1" module adjustments
- + 3/8" post adjustment
- Let-off: 75% or 65%



DRAW FORCE CURVE

### AR-35™ SHORT DRAW

#### DRAW LENGTHS / DRAW WEIGHTS

	23"	24"	25"	26"	27"
40#	●	●	●	●	●
50#	●	●	●	●	●
60#	●	●	●	●	●
70#	●	●	●	●	●





**RAM AND A HALF SHORT DRAW**

- 1" module adjustment
- + 3/8" post adjustment
- Let-off: 70% or 75% Effective





DRAW FORCE CURVE

### AR-32™

#### DRAW LENGTHS / DRAW WEIGHTS


	26"	27"	28"	29"	30"
60#	●	●	●	●	●
70#	●	●	●	●	●





**RAM AND A HALF**

- 1" module adjustments
- + 3/8" post adjustment
- Let-off: 75% or 65%





DRAW FORCE CURVE

### AR-31™

#### DRAW LENGTHS / DRAW WEIGHTS

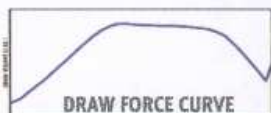
	25"	26"	27"	28"	29"	30"
60#	●	●	●	●	●	●
70#	●	●	●	●	●	●





**RAM PLUS**

- + 1/2", +1/4" or -1/4" post adjustments
- 1" module adjustments
- Let-off: 65% or 80%



DRAW FORCE CURVE

**ARCHERY RESEARCH**

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