



2016





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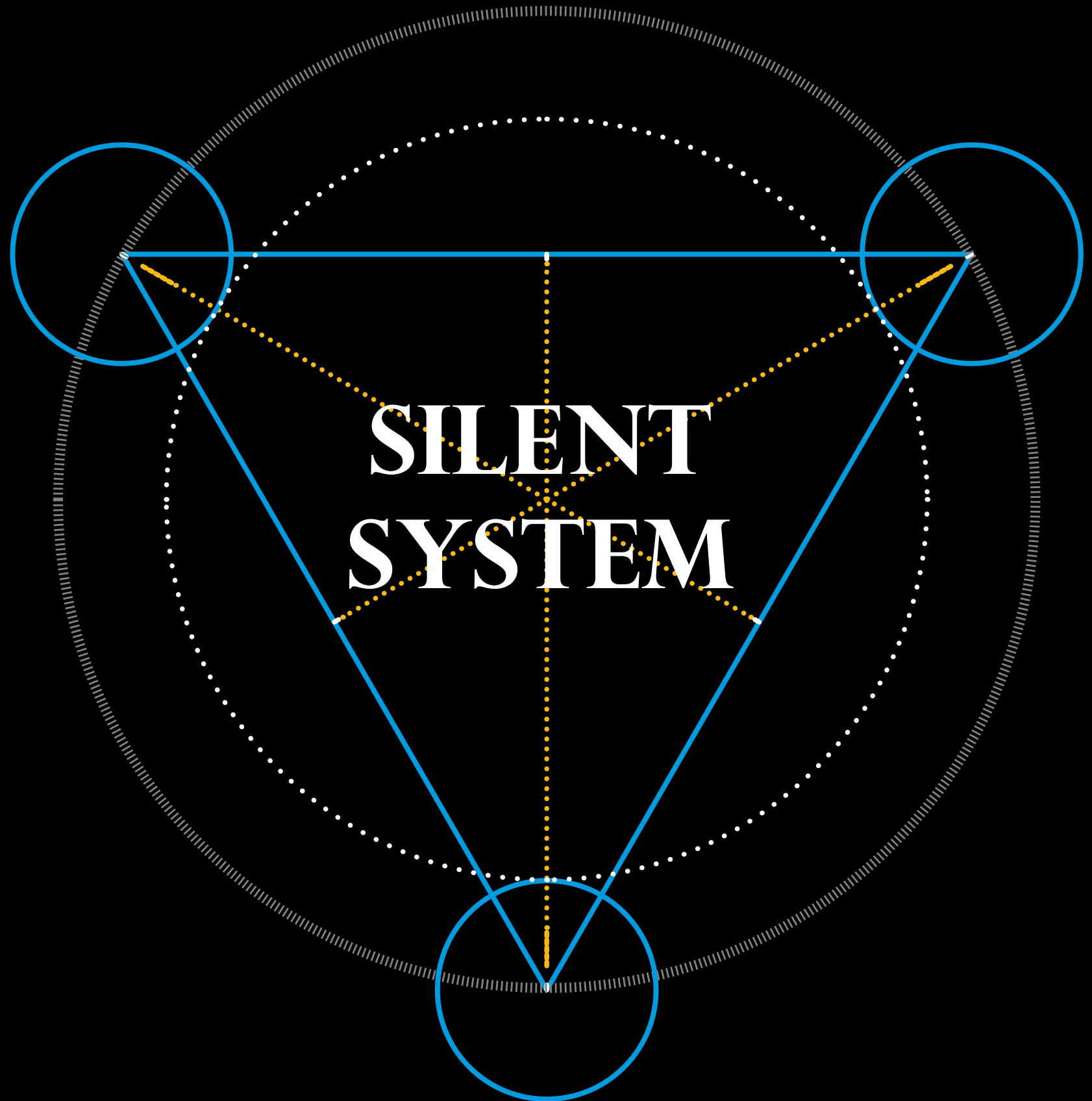
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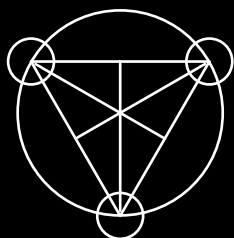
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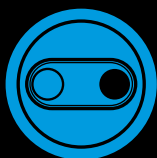




### SILENT SYSTEM

Ek's unique patent which allows our crossbows to be one of most quiet products on the market.

**Patent US #9,121,659**



### TRIGGER SAFETY SYSTEM

Third generation Anti-Dry Fire increases protection for both user and crossbow.

**Patent US #758022B2**



### SILENT COATING

Components are specially treated to reduce vibration and noise.



### P-CORE™

The unique geometry of these cams maximizes the release of high energy.



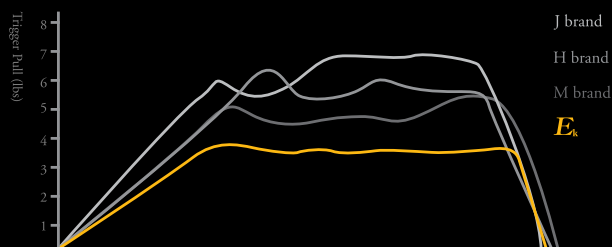
### SILENT SETS

An upgraded design that more effectively absorbs the string vibration and limb noise.



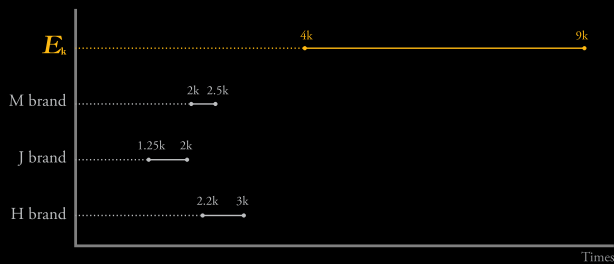
### HIGH-GRADE TRIGGER ASSEMBLY

A lighter trigger pull characterized by a smoother travel and a crisper break.

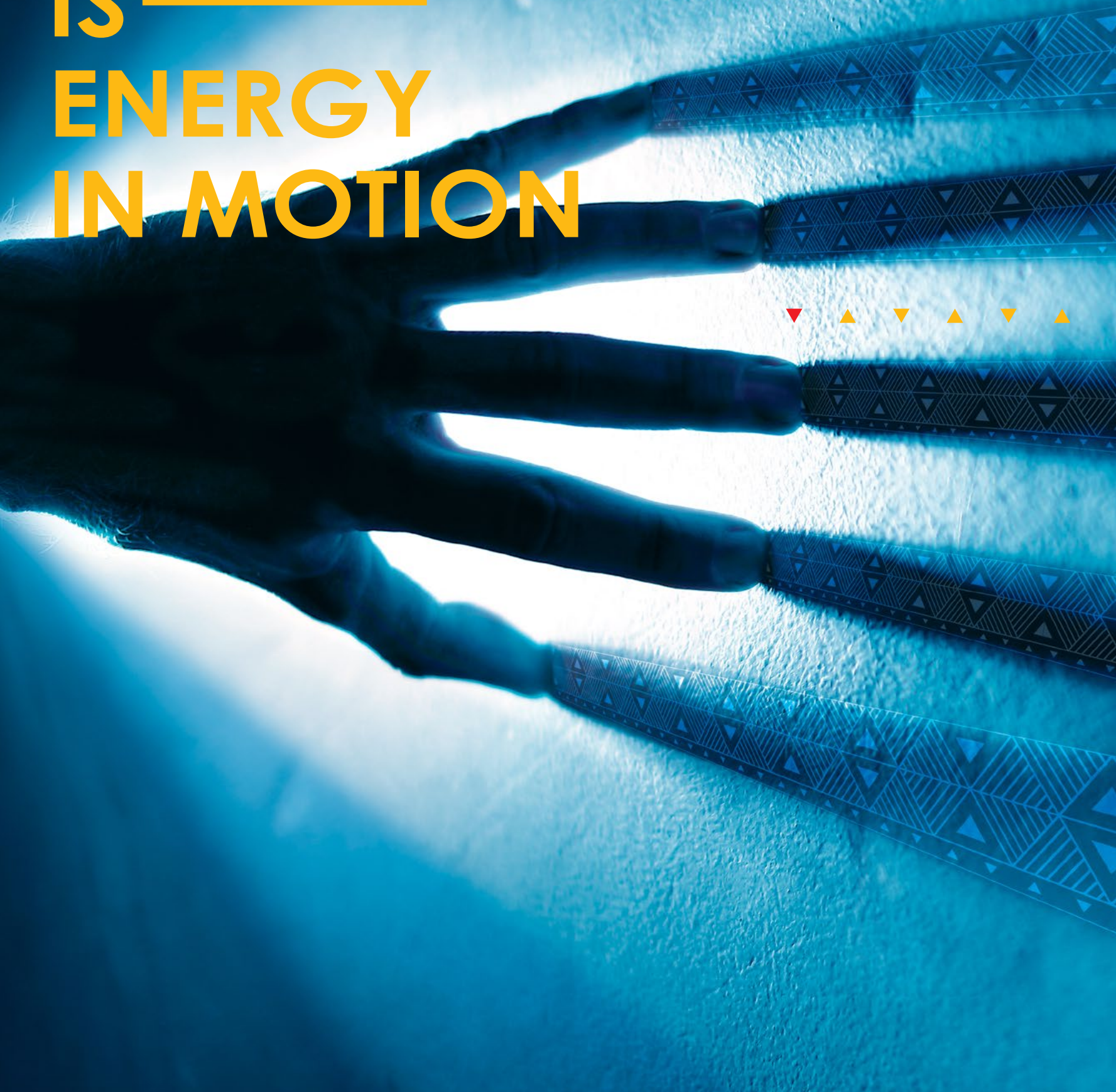


### LIMBS

Our durable Compression Fiberglass limbs have stood the test of time and are generally acknowledged to be one of the strongest on the market.



# EVERYTHING IS ——— ENERGY IN MOTION








### The realization of potential

Archers shoot for that exact instant the arrow released, impacts into the target. The Undeniable Moment of an Archer's actions and choices. This is the energy transfer event, the power of the bow, its kinetic energy output, defined by the mass and the speed of the arrow.




$$E_k = \frac{1}{2} M v^2$$



Ek Archery Research was initiated as the merging of two metaconcepts, a design team focusing on the ergonomic development of archery products and a fabrication philosophy driven by an iterative manufacturing process. As inflated product performance and exotic materials dominate trends in the archery market, the evolution of the modern bow and crossbow is ironically hampered by these same forces. Ek Archery Research is committed to the refinement of archery products that are more than just lighter, faster and quieter, we strive to produce bows that are designed from the bottom-up with a focus on comfort and adjustability to the human body and the motions of archery.

Ek Archery Research was founded with the understanding that our years of engineering and product analysis must return to our roots. In this quest, we discovered that the failings of the modern bow can be traced to the disconnection between design teams and the trends of mass production. Excellent bows are more than just the evolution of considerate design, they are the result of attentive craftsmanship.





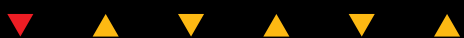


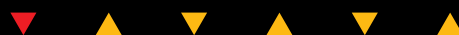
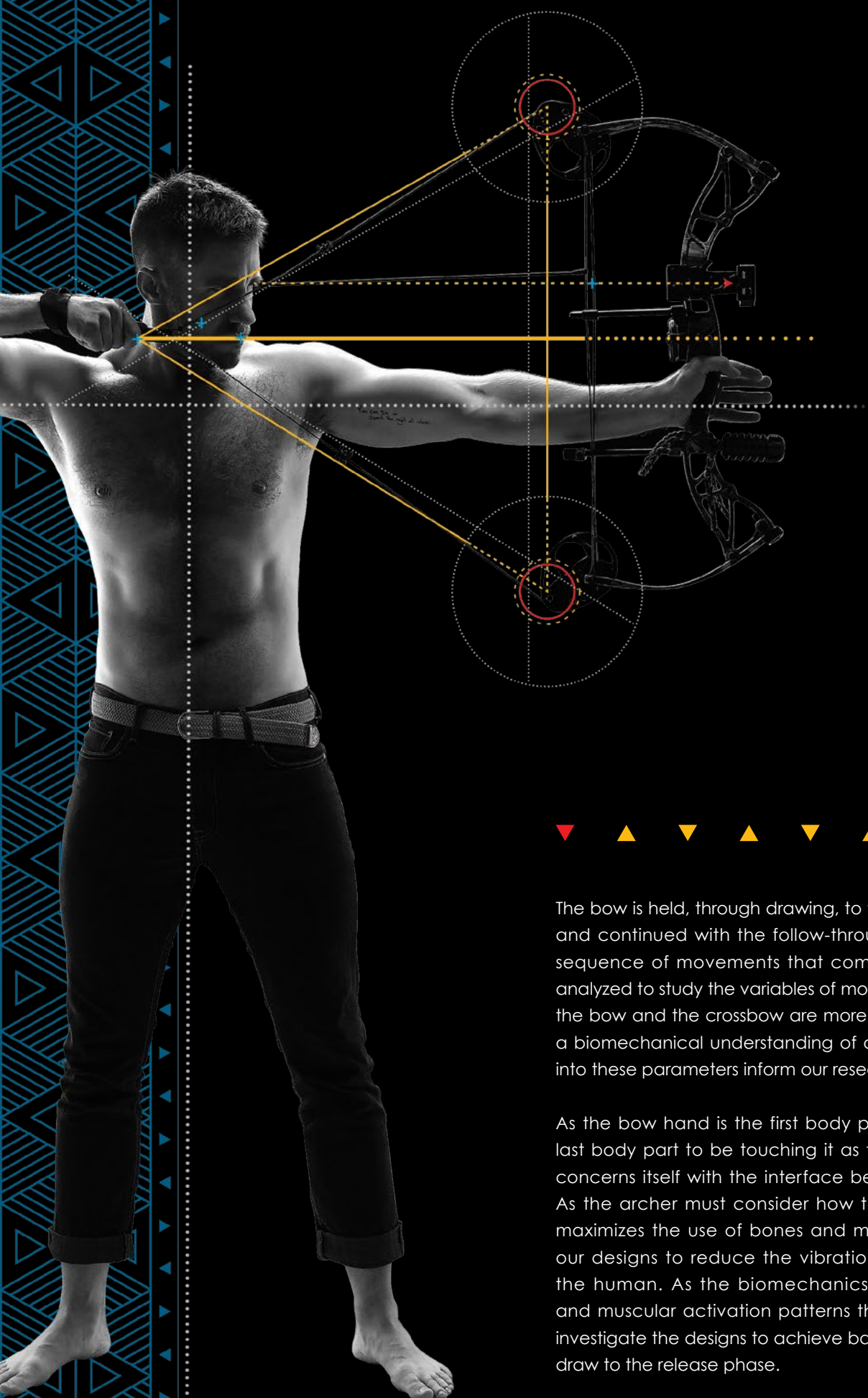






SUAVITER  
IN MODO  
FORTITER  
IN RE

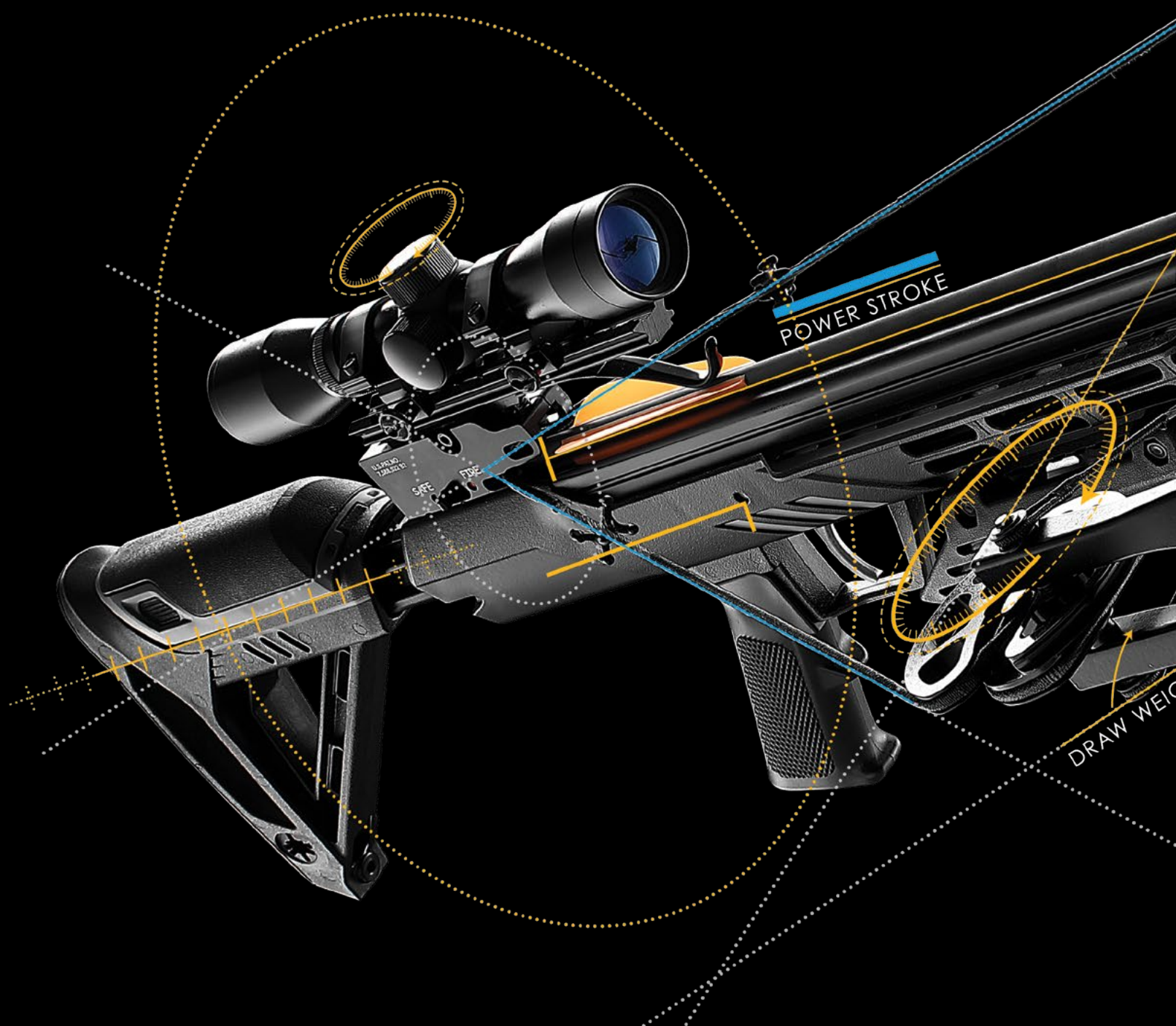




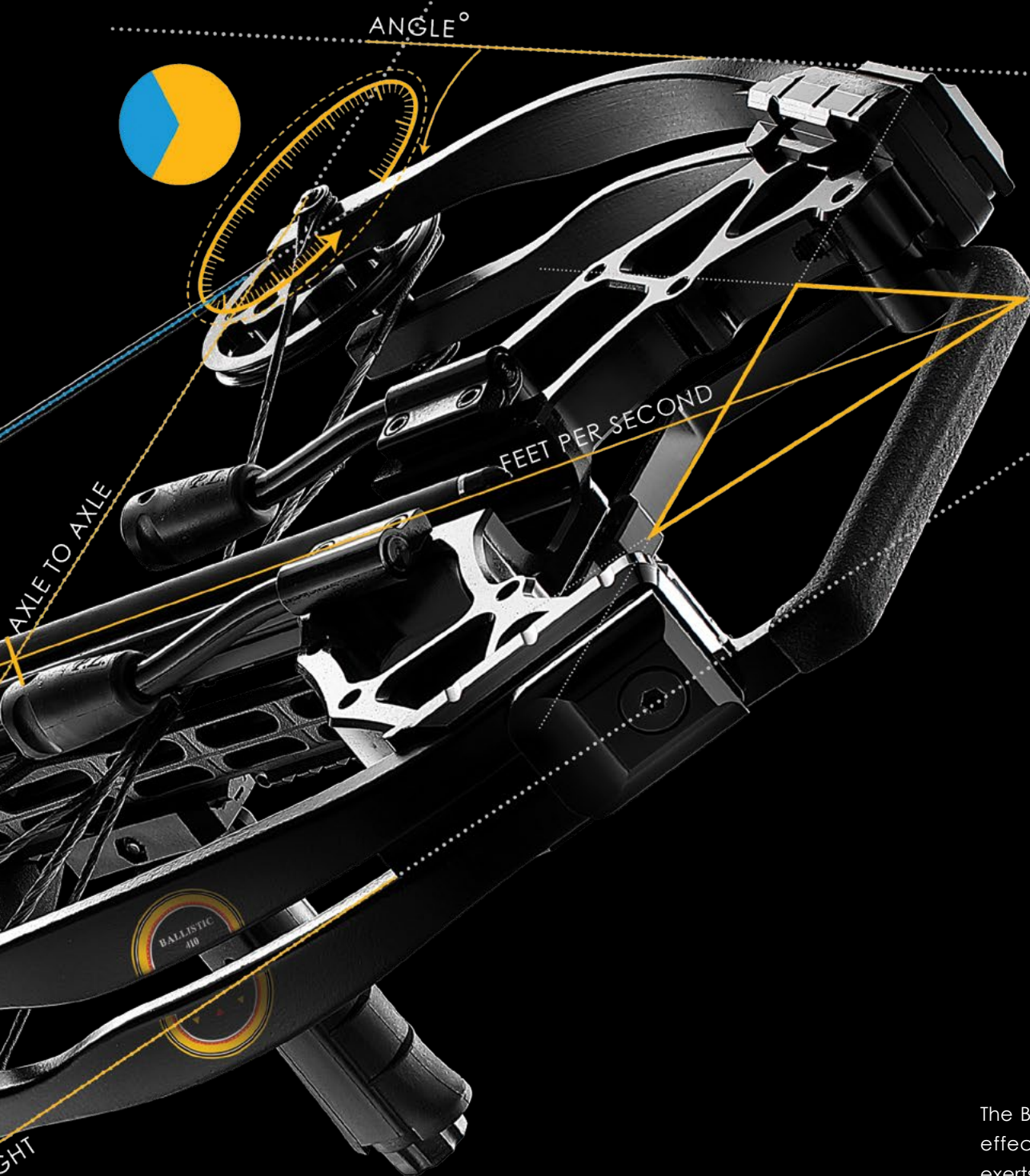
The bow is held, through drawing, to the moment of fullness, aimed, released and continued with the follow-through. Each of these moments form the sequence of movements that comprise the kinematic qualities that are analyzed to study the variables of motor control in archery. The ergonomics of the bow and the crossbow are more than just questions of comfort, they are a biomechanical understanding of anthropometric parameters. The inquiry into these parameters inform our research and guide our design principles.

As the bow hand is the first body part to touch the bow handle and the last body part to be touching it as the arrow leaves, Ek Archery Research concerns itself with the interface between the archer and his equipment. As the archer must consider how to develop a personal technique that maximizes the use of bones and minimizes the use of muscles, we focus our designs to reduce the vibrations transferred between the bow and the human. As the biomechanics of archery reveal the coordination and muscular activation patterns throughout the process of the shot, we investigate the designs to achieve balance, steadiness and ease through the draw to the release phase.

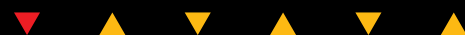
# CROSS BOW

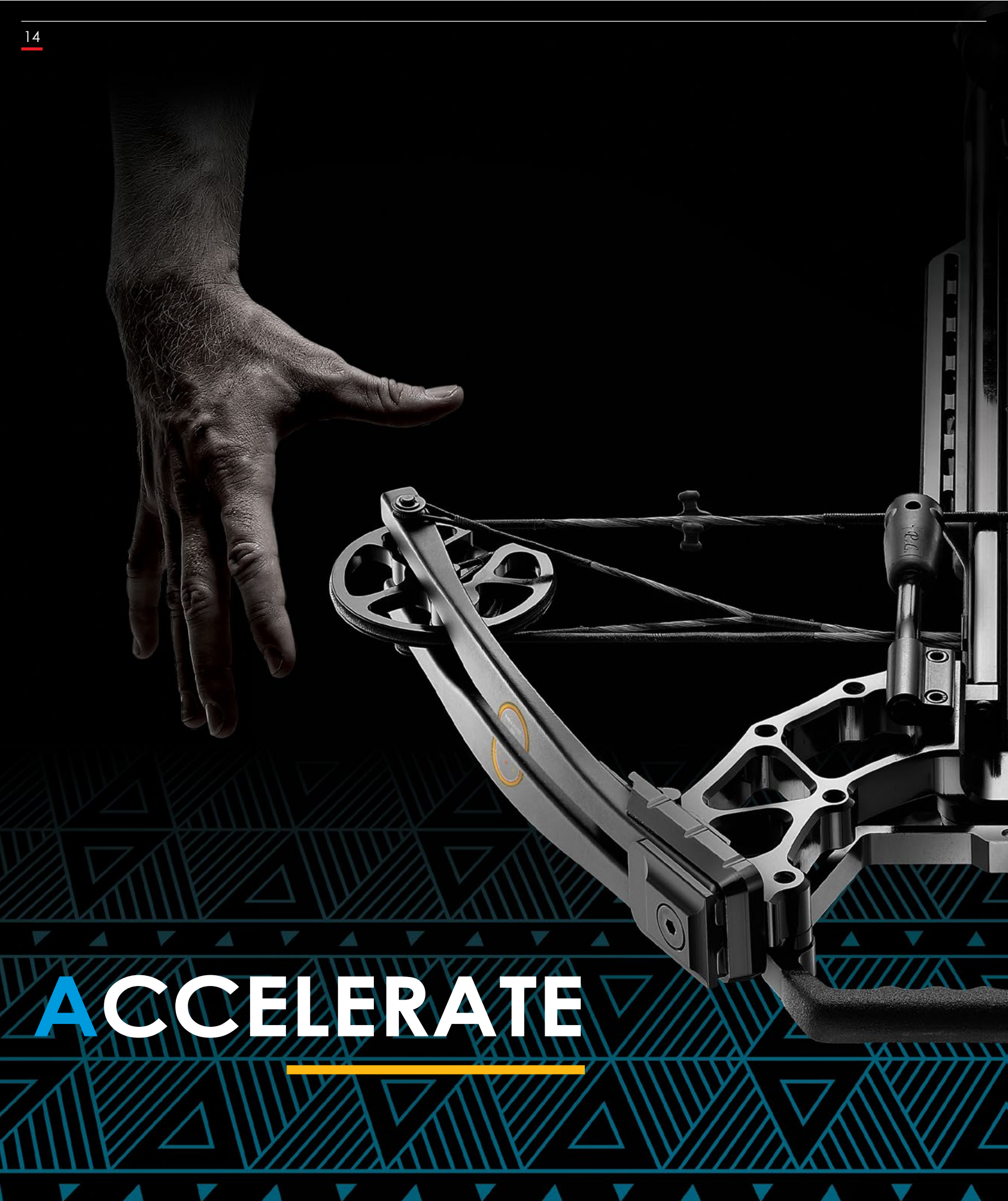






The Bow is an Engineered System that effectively stores elastic Energy and exerts Force efficiently on the Mass of an Arrow. The Kinetic Energy of the Arrow is equal to the Potential Energy stored in the limbs, also equal to the Work done by drawing the limbs back. Thus, the Potential Energy stored is Force multiplied by the Distance the Force is applied over.



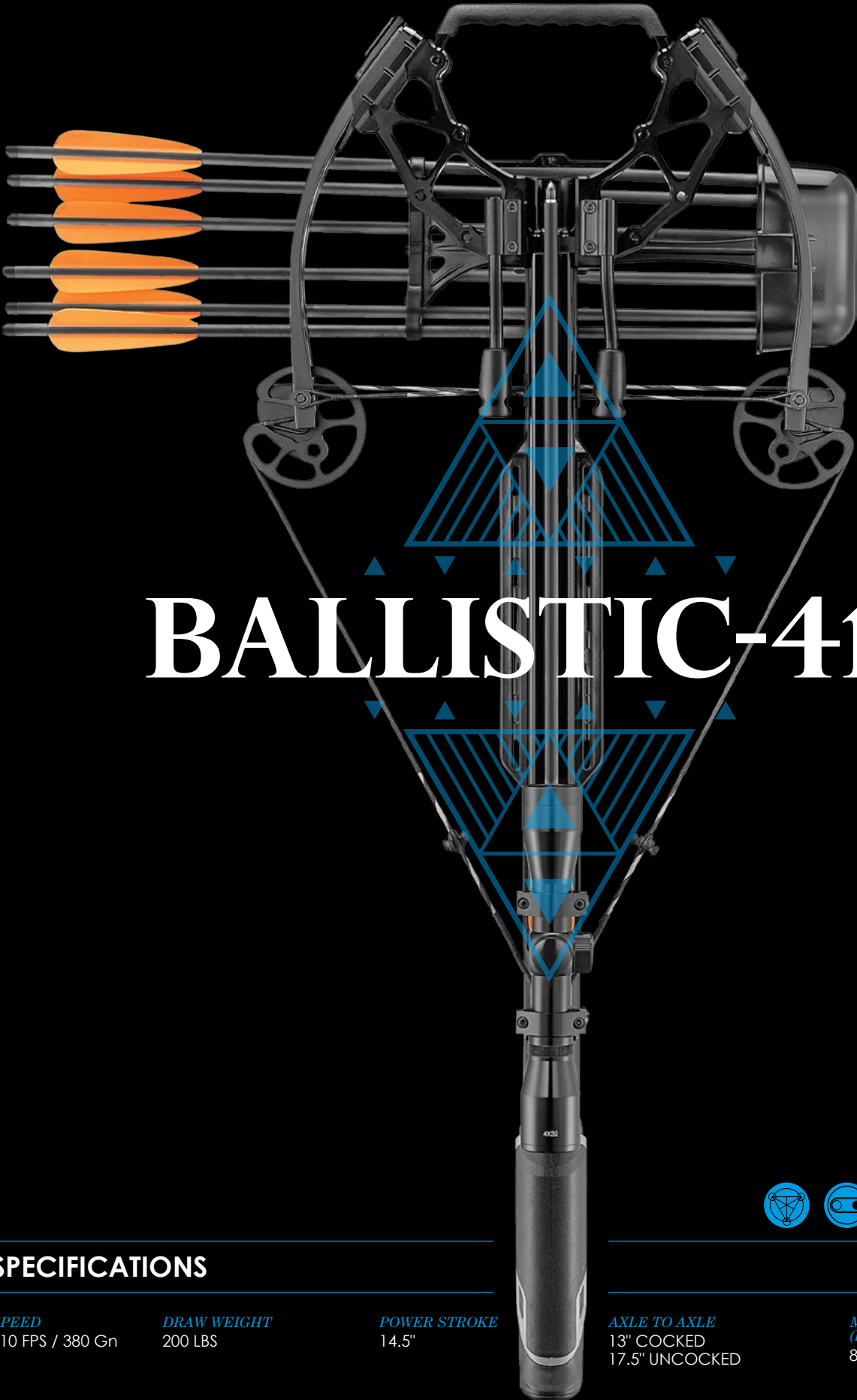


# ACCELERATE





Designed from the bottom up for speed performance featuring specialized Synchronized Speed Cams. Ergonomically adjustable, these crossbows are proportionally engineered to fit different body types. Constructed with an attention to detail these devices are characterized by high quality machined components that are synergistically balanced.



# BALLISTIC-410

## SPECIFICATIONS

*SPEED*  
410 FPS / 380 Gn

*DRAW WEIGHT*  
200 LBS

*POWER STROKE*  
14.5"

*AXLE TO AXLE*  
13" COCKED  
17.5" UNCOCKED

*MASS WEIGHT  
(BOW ONLY)*  
8.1 LBS

*LENGTH*  
35.5"-38"



☐ CR-068BBLACK



**BARREL**  
Aluminum /  
composite barrel  
w/ picatinny rail

**RISER**  
Aluminum/ CNC  
machined

**CAM SETS**  
CNC machined  
cams



**STOCK**  
Reinforced  
composite Stock,  
Adjustable Stock,  
Compatible AR  
Grip

**LIMBS**  
Durable  
compression  
fiberglass,  
Quad-limb design



**TRIGGER**  
Anti-dry fire safety.  
Trigger pull below 3.5 lbs

**EXTENDED BULLPUP  
TRIGGER**  
Compacting the  
crossbow's design  
by shifting the grip  
forward to achieve a  
more ergonomic and  
operational balance.

## PACKAGE INCLUDES

4x32 Crossbow Scope  
Cocking Rope  
Shoulder Sling  
Foldable AR Fore Grip  
String Stopper  
6-Bolt Quiver-Black  
3 20" Carbon Bolts  
String Wax







# BALLISTIC-390

## SPECIFICATIONS

*SPEED*  
390 FPS / 380 Gn

*DRAW WEIGHT*  
185 LBS


*POWER STROKE*  
13.75"

*AXLE TO AXLE*  
14" COCKED  
18" UNCONCKED

*MASS WEIGHT  
(BOW ONLY)*  
7.7 LBS

*LENGTH*  
35.5"-38"



 CR-069SC<sub>SNOW CAMO</sub>



**BARREL**  
Aluminum /  
composite barrel  
w/ picatinny rail

**RISER**  
Aluminum/ CNC  
machined

**CAM SETS**  
CNC machined  
cams



**STOCK**  
Reinforced  
composite Stock,  
Adjustable Stock,  
Compatible AR  
Grip

**LIMBS**  
Durable  
compression  
fiberglass



**TRIGGER**  
Anti-dry fire safety.  
Trigger pull below 3.5 lbs

**EXTENDED BULLPUP  
TRIGGER**  
Compacting the  
crossbow's design  
by shifting the grip  
forward to achieve a  
more ergonomic and  
operational balance.

## PACKAGE INCLUDES

4x32 Crossbow Scope  
Cocking Rope  
Shoulder Sling  
Foldable AR Fore Grip  
String Stopper  
3-Bolt Quiver  
3 20" Carbon Bolts  
String Wax





# BALLISTIC-370



## SPECIFICATIONS

*SPEED*  
370 FPS / 380 Gn

*DRAW WEIGHT*  
185 LBS

*POWER STROKE*  
13.75"

*AXLE TO AXLE*  
14" COCKED  
18" UNCONCKED

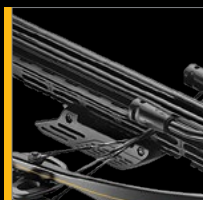
*MASS WEIGHT  
(BOW ONLY)*  
6.7 LBS

*LENGTH*  
34.5"-37"



CR-079B<sup>BLACK</sup>

CR-079M<sup>FOLIUM</sup>



**BARREL**  
Aluminum /  
composite barrel  
w/ picatinny rail

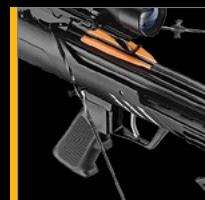
**RISER**  
Aluminum die  
casting

**CAM SETS**  
CNC machined  
cams



**STOCK**  
Reinforced  
composite Stock,  
Adjustable Stock,  
Compatible AR  
Grip

**LIMBS**  
Durable  
compression  
fiberglass



**TRIGGER**  
Anti-dry fire safety.  
Trigger pull below 3.5 lbs

**EXTENDED BULLPUP  
TRIGGER**  
Compacting the  
crossbow's design  
by shifting the grip  
forward to achieve a  
more ergonomic and  
operational balance.

## PACKAGE INCLUDES

4X32 Crossbow Scope  
Cocking Rope  
Shoulder Sling  
3-Bolt Quiver  
3 20" Carbon Bolts  
String Wax







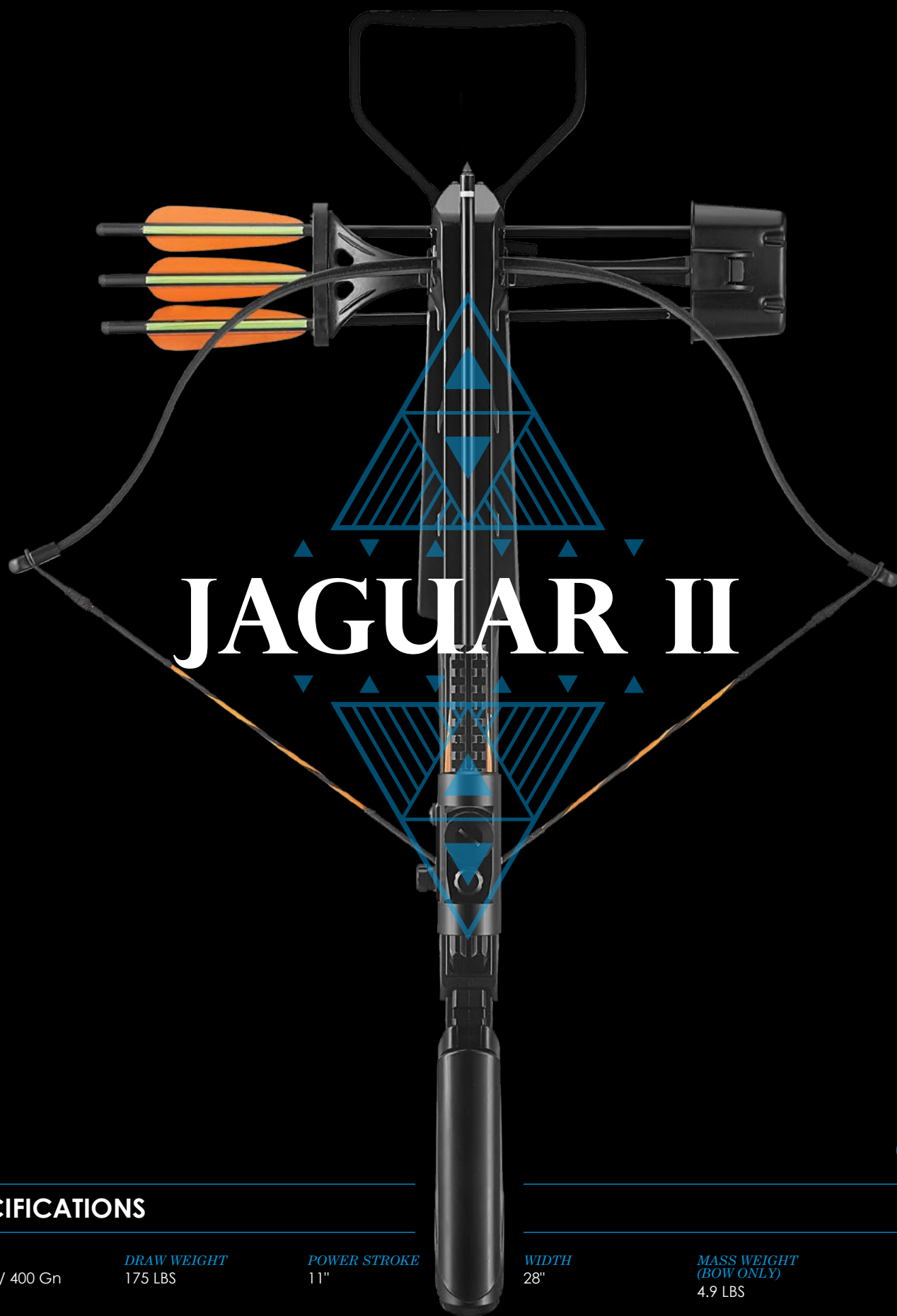
# LIGHT & FAST

Easy handling allows precision control, shot after shot. Stable limbs with serious power, but lightweight enough to build consistent shooting habits.









## SPECIFICATIONS

*SPEED*  
260 FPS / 400 Gn

*DRAW WEIGHT*  
175 LBS

*POWER STROKE*  
11"

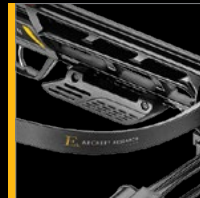
*WIDTH*  
28"

*MASS WEIGHT  
(BOW ONLY)*  
4.9 LBS

*LENGTH*  
30.5"-33"



CR-071B<sup>BLACK</sup> CR-071M<sup>FOLIUM</sup>



**BARREL**  
Aluminum barrel  
w/ picatinny rail

**STRING**  
Pre string front end



**STOCK**  
Reinforced  
composite Stock,  
Adjustable Stock,  
Compatible AR  
Grip

**LIMBS**  
Durable  
compression  
fiberglass



**TRIGGER**  
Anti-dry fire safety

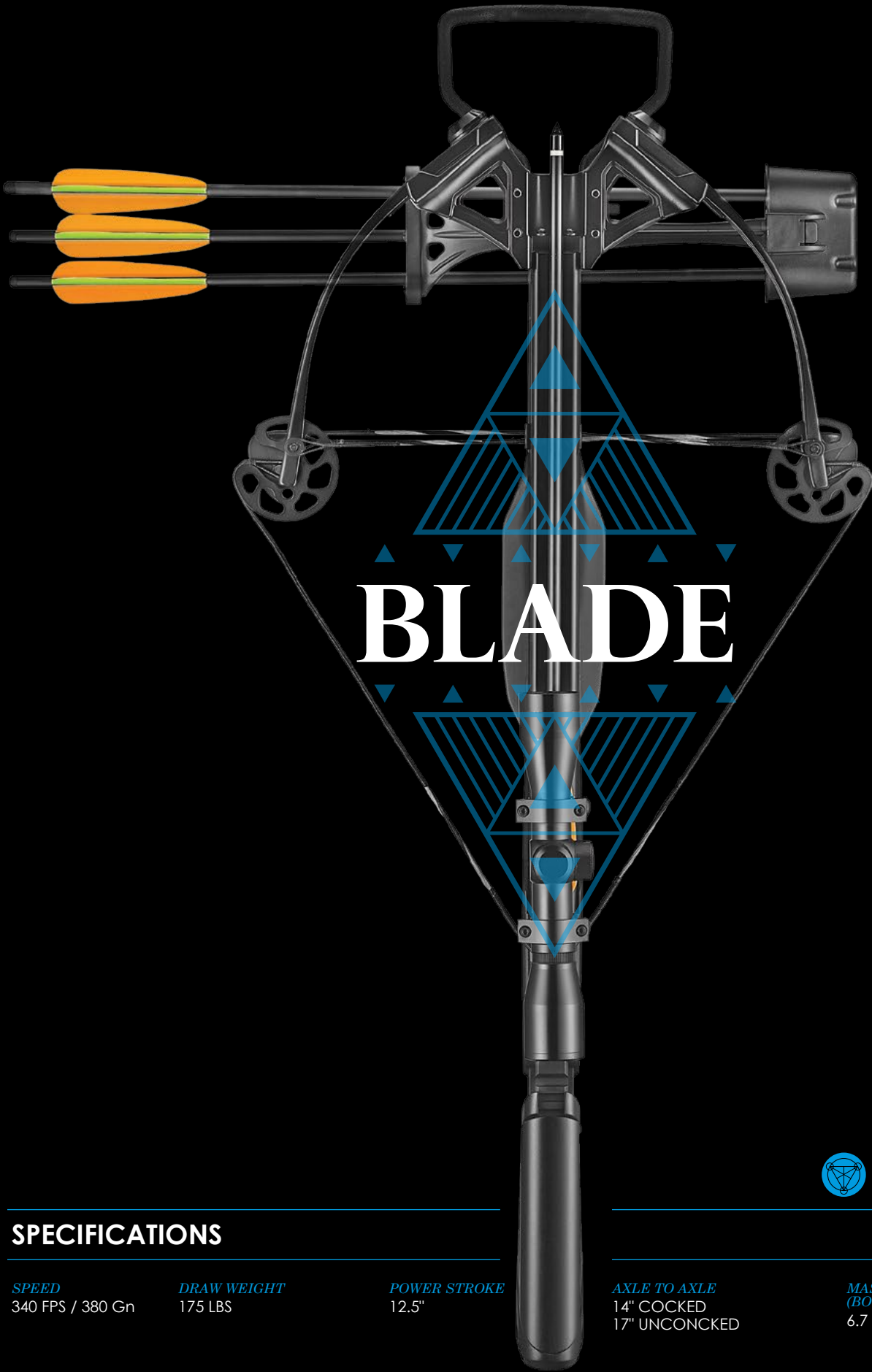
**EXTENDED BULLPUP  
TRIGGER**  
Compacting the  
crossbow's design  
by shifting the grip  
forward to achieve  
a more ergonomic  
and operational  
balance.

### PACKAGE INCLUDES

Single Position Red Dot Sight  
Cocking Rope  
3-Bolt Quiver  
3 #2219 16" Aluminum Bolts  
String Wax







# BLADE



## SPECIFICATIONS

*SPEED*  
340 FPS / 380 Gn

*DRAW WEIGHT*  
175 LBS

*POWER STROKE*  
12.5"

*AXLE TO AXLE*  
14" COCKED  
17" UNCONCKED

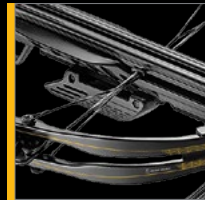
*MASS WEIGHT  
(BOW ONLY)*  
6.7 LBS

*LENGTH*  
33.5"-36"



CR-070B<sup>BLACK</sup>

CR-070M<sup>FOLIUM</sup>



**BARREL**  
Reinforced  
composite barrel  
w/ picatinny rail

**RISER**  
Aluminum die  
casting

**CAM SETS**  
Die casting cams



**STOCK**  
Reinforced  
composite Stock,  
Adjustable Stock,  
Compatible AR  
Grip

**LIMBS**  
Durable  
compression  
fiberglass



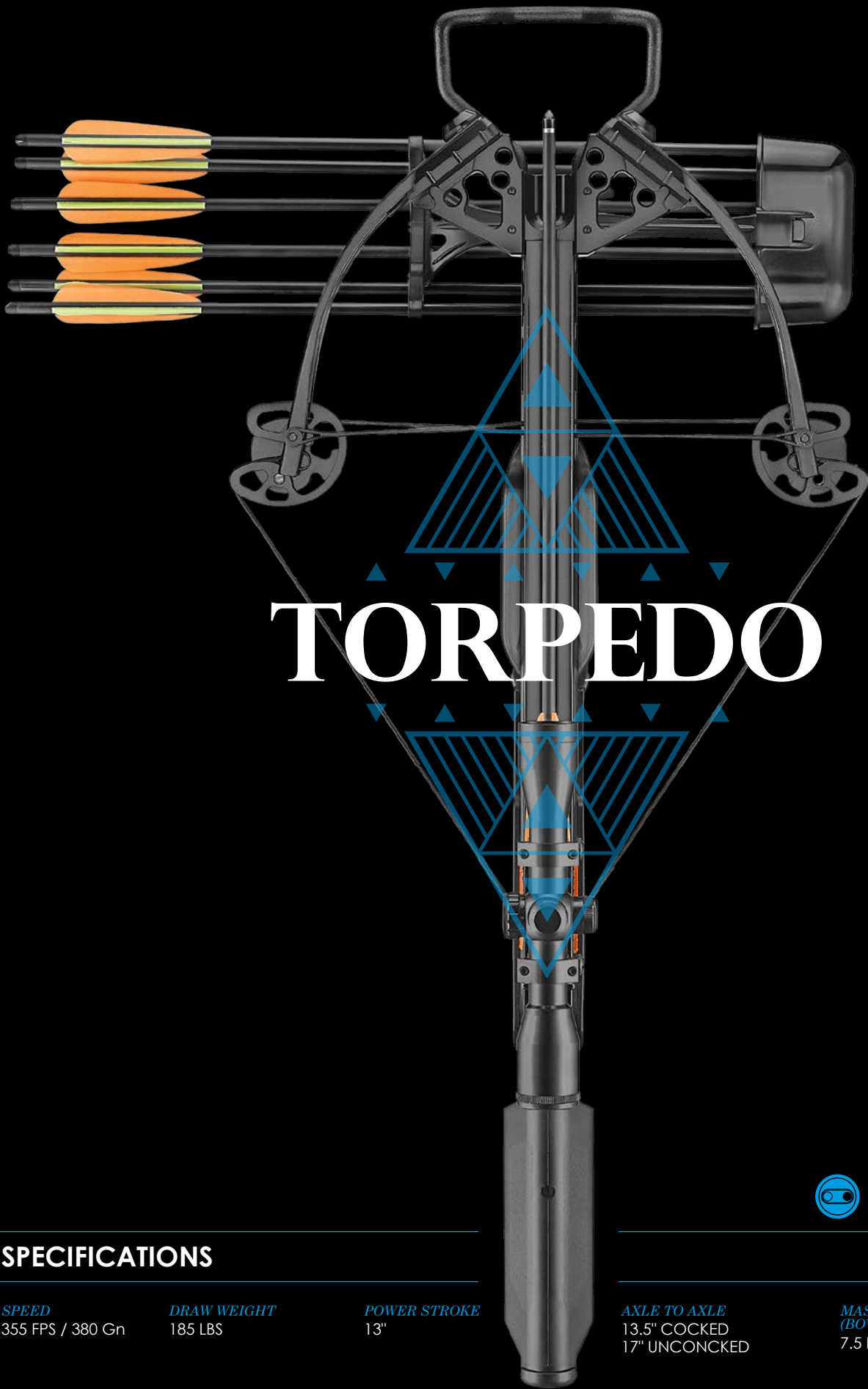
**TRIGGER**  
Anti-dry fire safety.  
Trigger pull below 3.5 lbs

**EXTENDED BULLPUP  
TRIGGER**  
Compacting the  
crossbow's design  
by shifting the grip  
forward to achieve a  
more ergonomic and  
operational balance.

## PACKAGE INCLUDES

4X32 Crossbow Scope  
Cocking Rope  
3-Bolt Quiver  
3 #2219 20" Aluminum Bolts  
String Wax





CR-054CBR<sub>BLACK</sub>

SPECIFICATIONS

*SPEED*  
355 FPS / 380 Gn

*DRAW WEIGHT*  
185 LBS

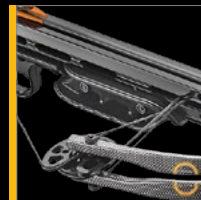
*POWER STROKE*  
13"

*AXLE TO AXLE*  
13.5" COCKED  
17" UNCONCKED

*MASS WEIGHT  
(BOW ONLY)*  
7.5 LBS

*LENGTH*  
35"-37.75"





**BARREL**  
Aluminum CNC  
machined

**RISER**  
Aluminum / CNC  
machined



**STOCK**  
Reinforced  
composite Stock,  
AR-15 Adjustable  
Stock

**LIMBS**  
Durable  
compression  
fiberglass



**TRIGGER**  
Anti-dry fire safety  
mechanism

**CAM SETS**  
CNC machined  
cams

## PACKAGE INCLUDES

4x32 Illuminated Glass Scope  
Cocking Rope  
Shoulder Sling  
6-Bolt Quiver  
3 20" Carbon Bolts

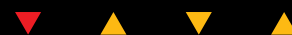




# CAMOU FLAGE

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Let your walk into the wild be an epic journey that changes everything. Blend into the Jungle with high quality camouflage finishes that break up shapes and conceal a ferocious nature.

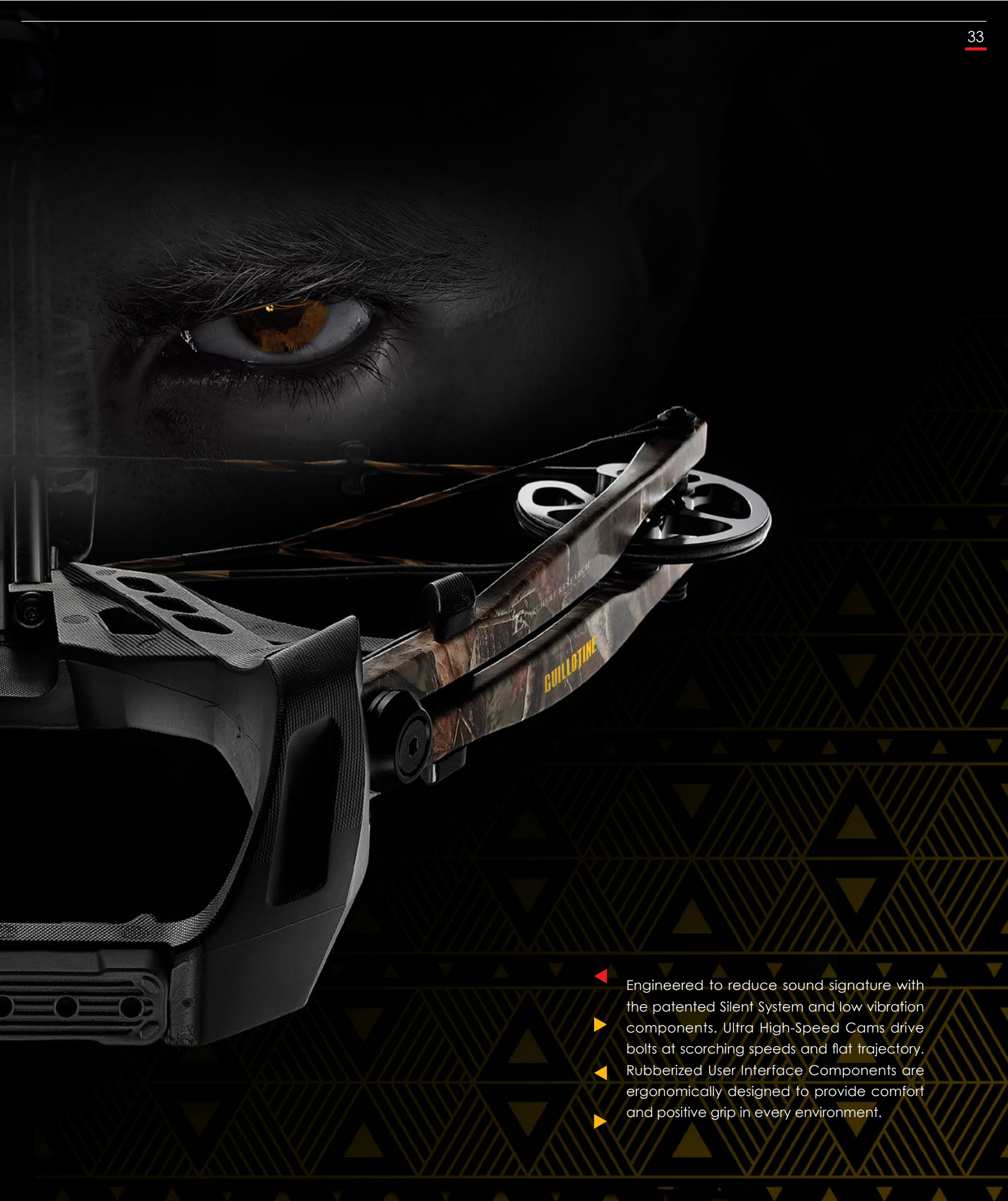




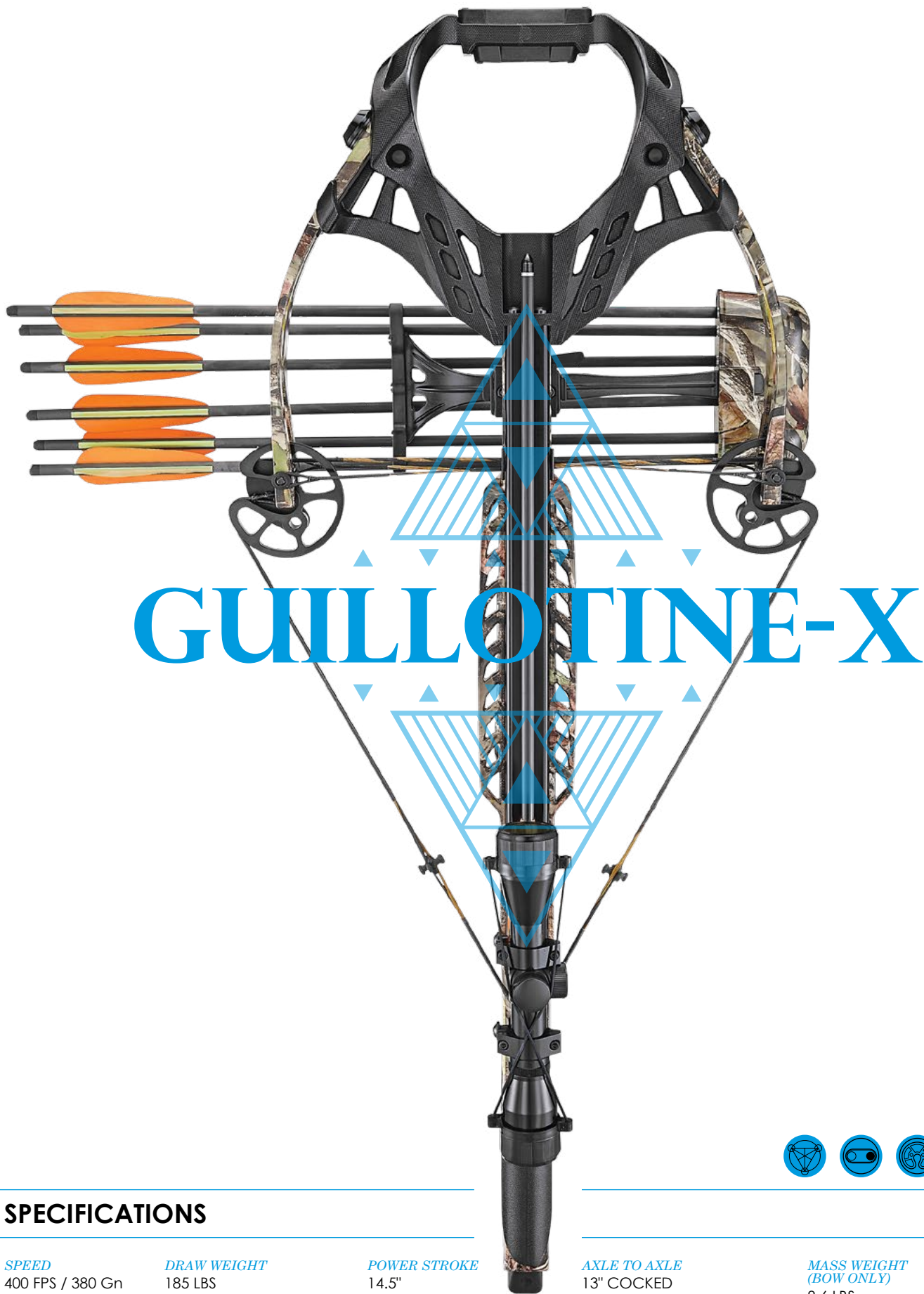


**STEALTH**





- ▶ Engineered to reduce sound signature with the patented Silent System and low vibration components. Ultra High-Speed Cams drive bolts at scorching speeds and flat trajectory.
- ▶ Rubberized User Interface Components are ergonomically designed to provide comfort and positive grip in every environment.
- ▶



CR-062M<sup>FOLIUM</sup>

## SPECIFICATIONS

*SPEED*  
400 FPS / 380 Gn

*DRAW WEIGHT*  
185 LBS

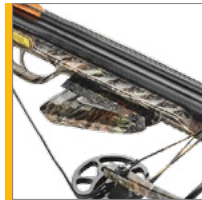
*POWER STROKE*  
14.5"

*AXLE TO AXLE*  
13" COCKED  
17.5" UNCONCKED

*MASS WEIGHT  
(BOW ONLY)*  
8.6 LBS

*LENGTH*  
37.75"

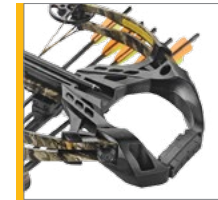




**BARREL**  
Aluminum / composite barrel w/ picatinny rail



**STOCK**  
Reinforced composite stock, Soft padded grip / butt plate / cheek rest



**ULTRA-LIGHT TECHNOLOGY**  
Reduction of component and frame weight to improve handling characteristics and reduce user fatigue.

**RISER**  
Ultra-light technology composite riser, Silent-tech performance

**LIMBS**  
Durable compression fiberglass, Quad-limb design

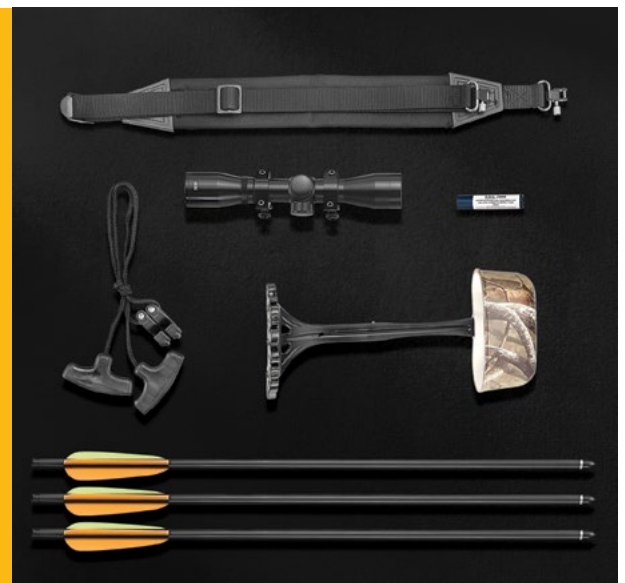
**TRIGGER**  
Anti-dry fire safety. Trigger pull below 3.5 lbs

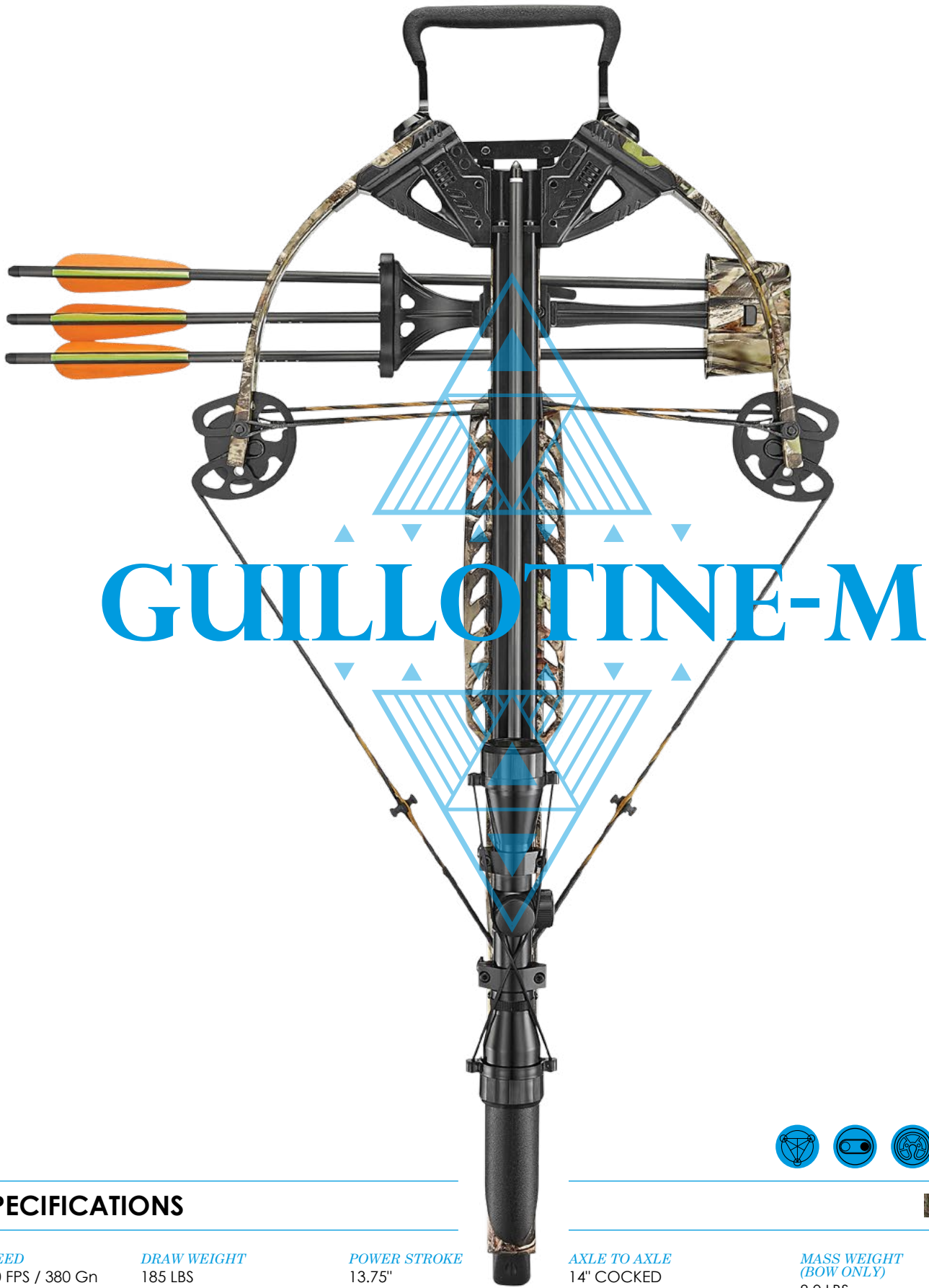
**CAM SETS**  
CNC machined cams

**EXTENDED BULLPUP TRIGGER**  
Compacting the crossbow's design by shifting the grip forward to achieve a more ergonomic and operational balance.

### PACKAGE INCLUDES

4x32 Crossbow Scope  
Cocking Rope  
Shoulder Sling  
6-Bolt Quiver  
3 20" Carbon Bolts  
String Wax

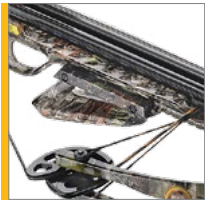




CR-063M<sup>FOLIUM</sup>

**SPECIFICATIONS**

<i>SPEED</i> 370 FPS / 380 Gn	<i>DRAW WEIGHT</i> 185 LBS	<i>POWER STROKE</i> 13.75"	<i>AXLE TO AXLE</i> 14" COCKED 18" UNCONCKED	<i>MASS WEIGHT (BOW ONLY)</i> 8.0 LBS	<i>LENGTH</i> 35"
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**BARREL**  
Aluminum / composite barrel w/ picatinny rail

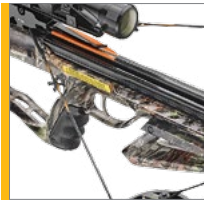
**RISER**  
Aluminum die casting

**CAM SETS**  
CNC machined cams



**STOCK**  
Reinforced composite Stock, Soft padded grip / butt plate / cheek rest

**LIMBS**  
Durable compression fiberglass

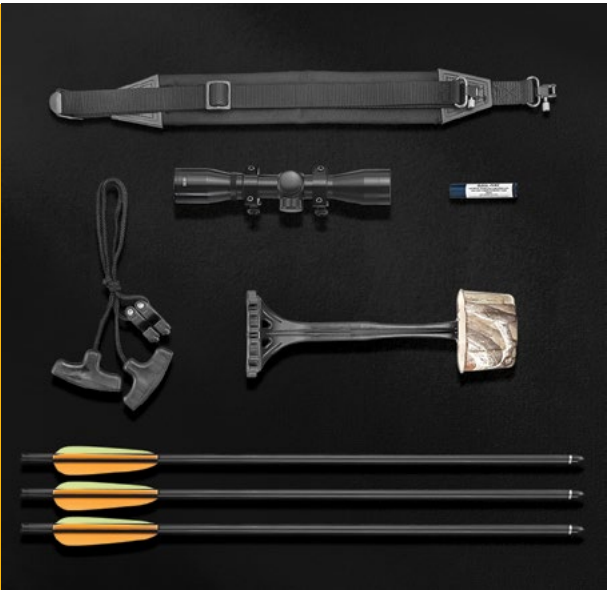


**TRIGGER**  
Anti-dry fire safety. Trigger pull below 3.5 lbs

**EXTENDED BULLPUP TRIGGER**  
Compacting the crossbow's design by shifting the grip forward to achieve a more ergonomic and operational balance.

PACKAGE INCLUDES

- 4x32 Crossbow Scope
- Cocking Rope
- Shoulder Sling
- 3-Bolt Quiver
- 3 20" Carbon Bolts
- String Wax





Strength  
follows  
the  
grain.



**LIMBCRAFT**

# WOODWORK



Energy  
changes  
shape.



# TITAN

- BARREL  
Aluminum / CNC machined
- RISER  
Aluminum / CNC machined
- LIMBS  
Durable compression fiberglass
- STOCK  
Reinforced composite stock
- TRIGGER  
Anti-dry fire safety mechanism
- CAM SETS  
CNC machined cams



- PACKAGE INCLUDES
- 4x32 Crossbow Scope
  - Cocking Rope
  - Shoulder Sling
  - 6-Bolt Quiver
  - 3 20" Carbon Bolts
  - String Wax



## SPECIFICATIONS

next G1 CR-026G1 Next G1

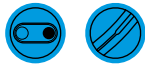
SPEED 385 FPS / 380 Gn	DRAW WEIGHT 200 LBS	POWER STROKE 14"	AXLE TO AXLE 19" COCKED 21.75" UNCONCKED	MASS WEIGHT (BOW ONLY) 8.6 LBS	LENGTH 38.5"
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# DESERT HAWK

- BARREL  
Aluminum / CNC machined
- RISER  
Aluminum / CNC machined
- LIMBS  
Durable compression fiberglass
- STOCK  
Reinforced composite stock
- TRIGGER  
Anti-dry fire safety mechanism



- PACKAGE INCLUDES
- 4x32 Crossbow Scope
  - Cocking Rope
  - Shoulder Sling
  - 6-Bolt Quiver
  - 3 20" Carbon Bolts
  - String Wax



## SPECIFICATIONS

next G1 CR-037G1 Next G1

SPEED 330 FPS / 380 Gn	DRAW WEIGHT 225 LBS	POWER STROKE 15.25"	MASS WEIGHT (BOW ONLY) 7.4 LBS	WIDTH 35"	LENGTH 39"
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# JAGUAR I



**BLACK PACKAGE INCLUDES**  
Adjustable Peep Sight  
Cocking Rope  
2 #2018 16" Aluminum Bolts  
String Wax

**SPRING CAMO PACKAGE INCLUDES**  
3-Dot Red Dot Sight  
Cocking Rope  
Shoulder Sling  
3-Bolt Quiver  
3 #2219 16" Aluminum Bolts  
String Wax



## SPECIFICATIONS

CR-013BBLACK CR-013ASPRING CAMO

SPEED	DRAW WEIGHT	POWER STROKE	MASS WEIGHT (BOW ONLY)	WIDTH	LENGTH
210 FPS / 350 Gn	150 LBS	10"	5.7 LBS	27"	35"
220 FPS / 350 Gn	175 LBS				



- a | 4x32 Crossbow Scope
- b | Adjustable Peep Sight
- c | 3-Dot Red Dot Sight
- d | Cocking Rope
- e | Shoulder Sling
- f | 6-Bolt Quiver
- g | 3-Bolt Quiver
- h | 3 20" Carbon Bolts
- i | 2 #2018 16" Aluminum Bolts
- j | 3 #2219 16" Aluminum Bolts
- k | String Wax

PACKAGE INCLUDES





# COBRASYSTEM





# COBRA ALUMINUM WOOD CAMO

## SPECIFICATIONS

<b>SPEED</b>	<b>WIDTH</b>
175 FPS	17.25"
<b>DRAW WEIGHT</b>	<b>MASS WEIGHT (BOW ONLY)</b>
80 LBS	1.9 LBS
<b>POWER STROKE</b>	<b>LENGTH</b>
6"	19.5"

■ CR-039W4 WOOD CAMO



### PACKAGE INCLUDES

Adjustable Peep Sight  
3 #1616 6.5" Aluminum Bolts



# COBRA PLASTIC BLACK

## SPECIFICATIONS

<b>SPEED</b>	<b>WIDTH</b>
175 FPS	17.25"
<b>DRAW WEIGHT</b>	<b>MASS WEIGHT (BOW ONLY)</b>
80 LBS	1.3 LBS
<b>POWER STROKE</b>	<b>LENGTH</b>
6"	19.5"

■ CR-002BA BLACK



### PACKAGE INCLUDES

Adjustable Peep Sight  
3 6.5" Plastic Bolts



- a | Adjustable Peep Sight
- b | 3 #1616 6.5" Aluminum Bolts
- c | 3 6.5" Plastic Bolts

PACKAGE INCLUDES

a



b



c

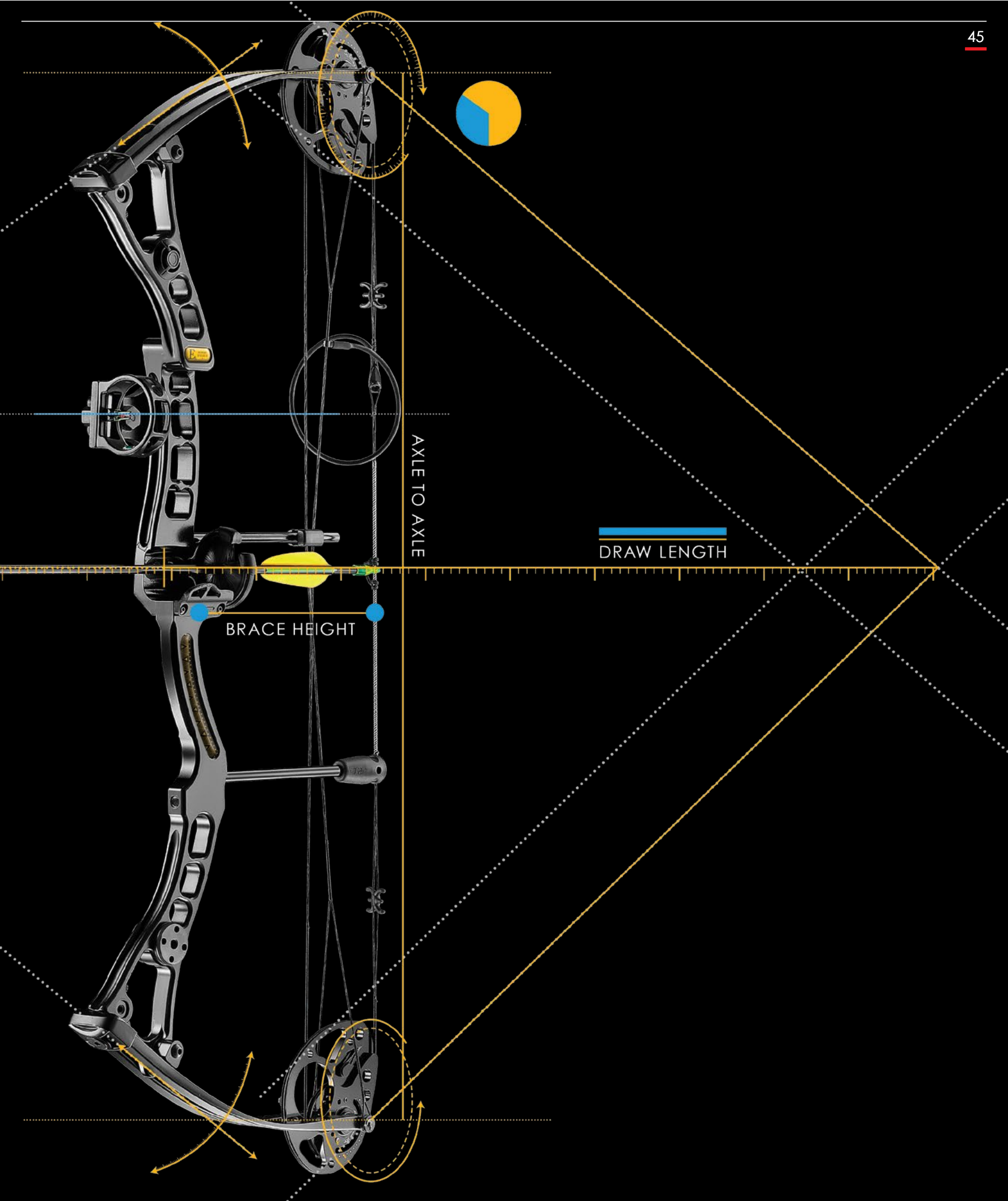


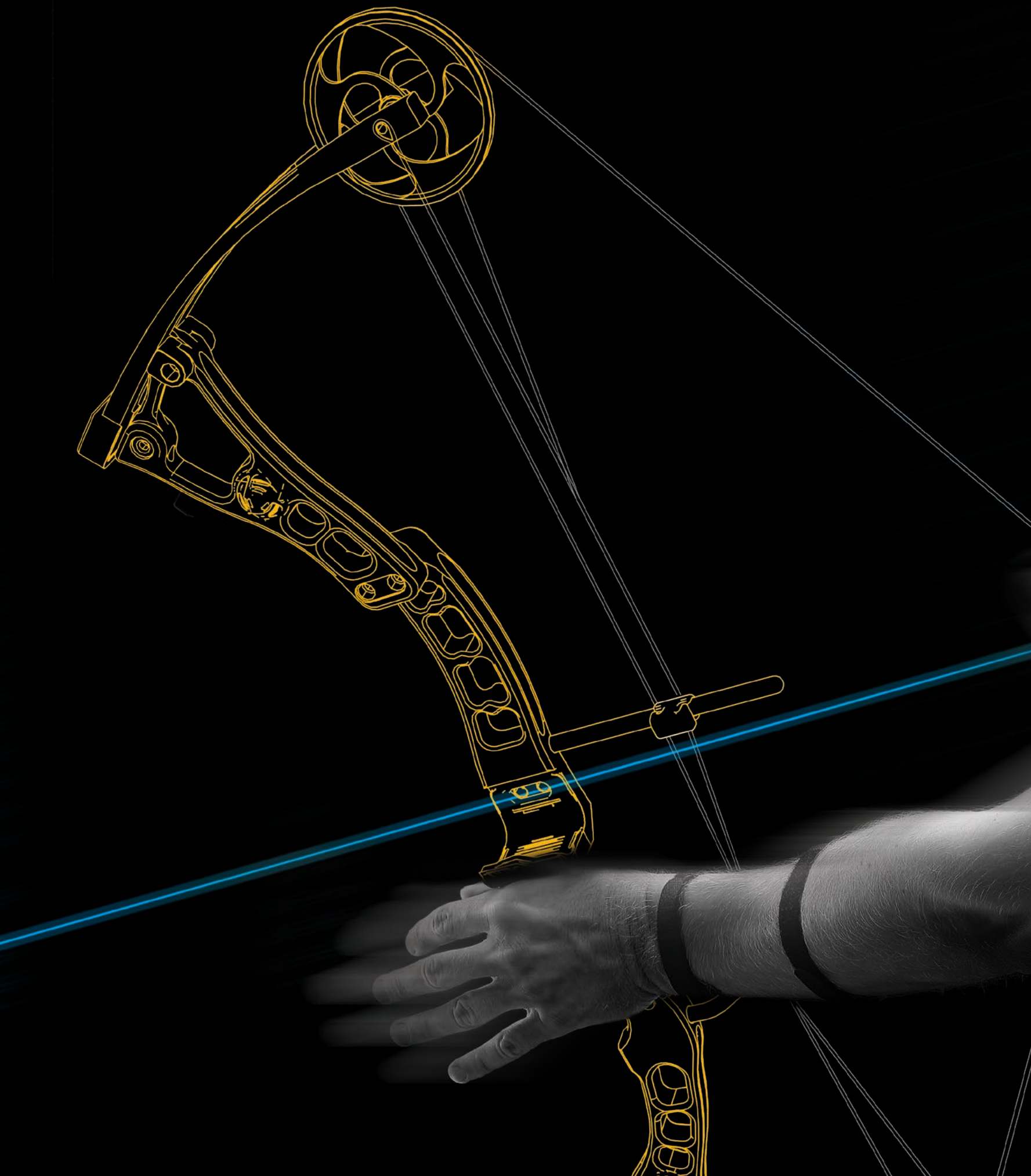


# BOW

The Bow is an Engineered System that effectively stores elastic Energy and exerts Force efficiently on the Mass of an Arrow. The Kinetic Energy of the Arrow is equal to the Potential Energy stored in the limbs, also equal to the Work done by drawing the limbs back. Thus, the Potential Energy stored is Force multiplied by the Distance the Force is applied over.

FEET PER SECOND

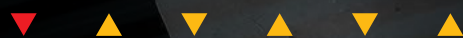








# TARGET COMPETITION



Developed through an iterative design process with input from target archery teams. These are Intermediate to Professional level bows that are designed with Accuracy in mind. A fully machined riser combined with an extremely adjustable draw length and specialized module CNC cams give smooth cycling on a solid foundation that is the basis of precision shooting.

# AXIS |

*SPEED*  
300+ FPS

*DRAW WEIGHT*  
60 LBS

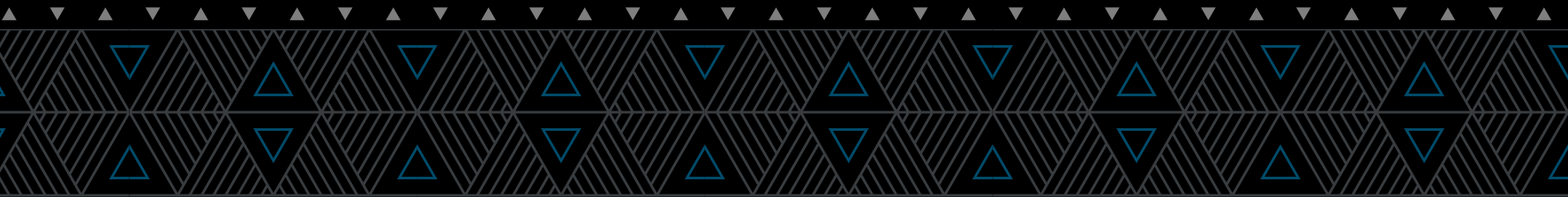
*DRAW LENGTH*  
24"-32"

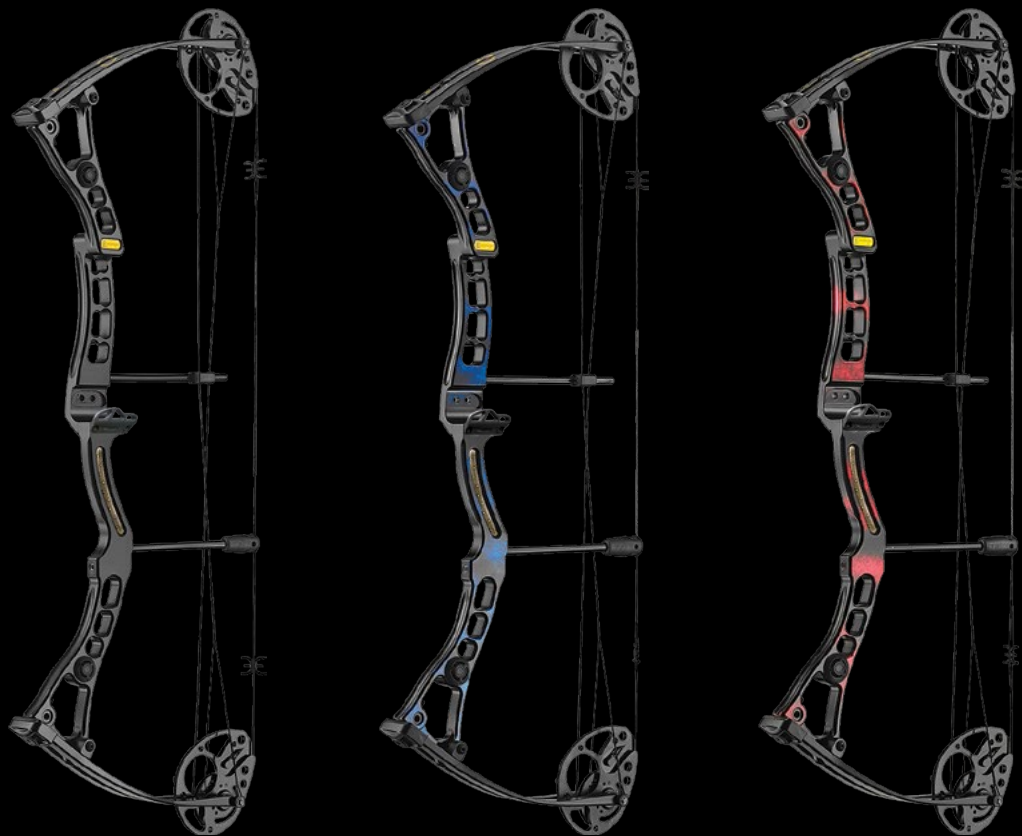
*AXLE TO AXLE*  
32"

*BRACE HEIGHT*  
8"

*LET-OFF*  
75%

*MASS WEIGHT  
(BOW ONLY)*  
3.9 LBS

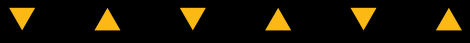




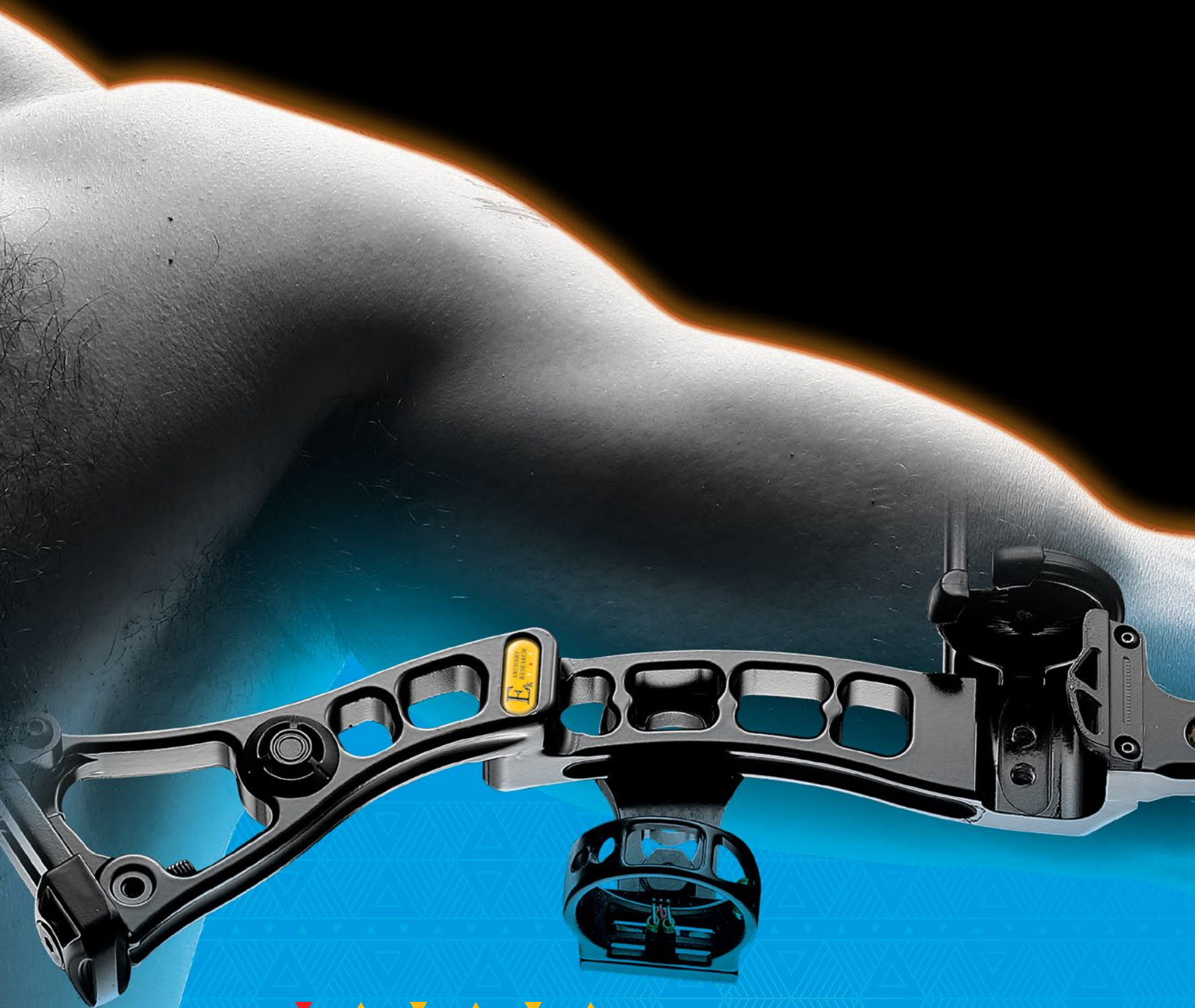
CO-039B<sub>BLACK</sub>

CO-039U<sub>SHINY BLUE</sub>

CO-039R<sub>SHINY RED</sub>







Designed for Speed these Intermediate to Professional Bows are featured with a fully machined patented Riser that reduces hand shock and vibration. Ergonomic grips and CNC Single Cam design allows the Archer to hold the shot comfortably at 80% let-off.



# HIGH ENERGY COMPOUND



# BEAST |

*SPEED*  
320 FPS

*DRAW WEIGHT*  
35-70 LBS

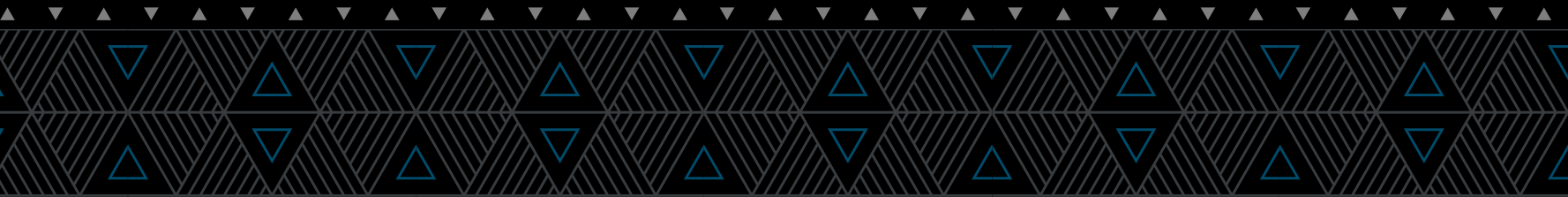
*DRAW LENGTH*  
25"-31"

*AXLE TO AXLE*  
31.5"

*BRACE HEIGHT*  
7"

*LET-OFF*  
80%

*MASS WEIGHT  
(BOW ONLY)*  
3.8 LBS



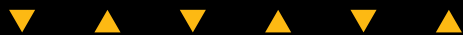




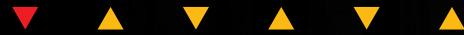
CO-036BBLACK



CO-036FOLIUM



# CLASSIC COMPOUND



Developed for Entry-Level to Intermediate Archers these 3rd Generation designs have many of the desired features of high-end compound bows at a reason price. Low axle to axle profiles, draw stops for draw stability and high quality CNC machined cams. High adjustability in draw weight and draw length allow almost any age archer to operate these fine bows.





# ASSASSIN |

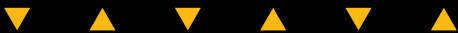
<i>SPEED</i>	<i>BRACE HEIGHT</i>
310 FPS	7"
<i>DRAW WEIGHT</i>	<i>LET-OFF</i>
15-70 LBS	75%
<i>DRAW LENGTH</i>	<i>MASS WEIGHT</i>
17"-31"	(BOW ONLY)
<i>AXLE TO AXLE</i>	3.6 LBS
30"	





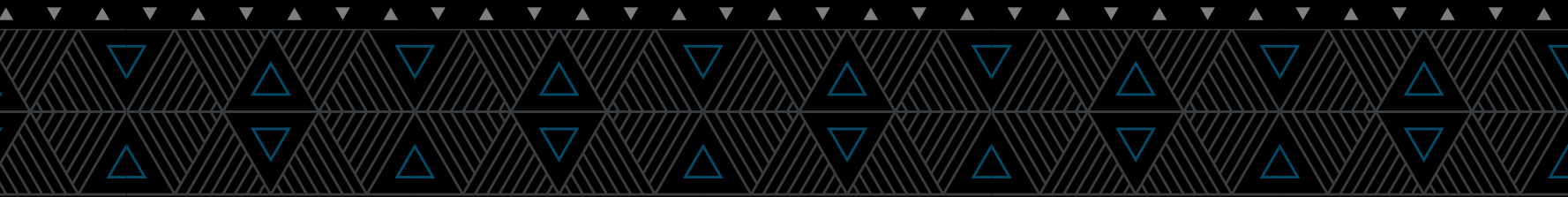
CO-035BBLACK

CO-035FOLIUM



# REX |

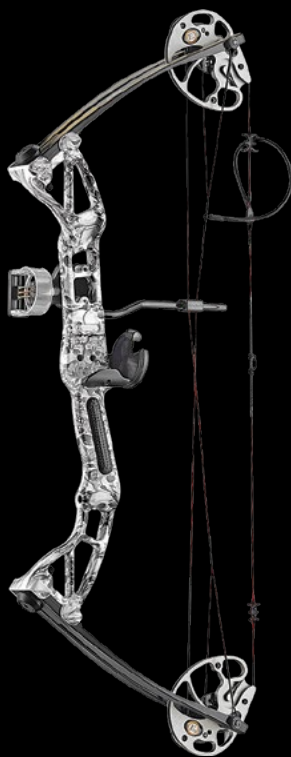
<i>SPEED</i> 230 FPS	<i>AXLE TO AXLE</i> 28"
<i>DRAW WEIGHT</i> 15-55 LBS 20-65 LBS (Folium Camo)	<i>BRACE HEIGHT</i> 7.25"
<i>DRAW LENGTH</i> 20"-29"	<i>LET-OFF</i> 65%
	<i>MASS WEIGHT (BOW ONLY)</i> 3.2 LBS







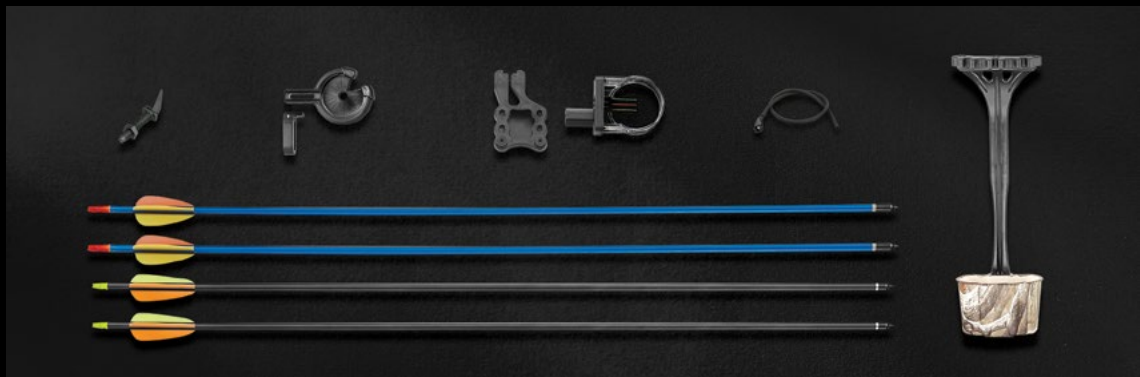
CO-029B<sub>BLACK</sub>



CO-029M<sub>SKULL CAMO</sub>



CO-029F<sub>FOLIUM</sub>

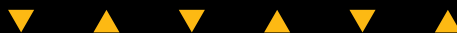


Screw Arrow Rest  
3-Pin Plastic Optical Sight  
2 #2018 30" Aluminum Arrows

Deluxe Biscuit Rest  
3-Pin Plastic Optical Sight  
3-Arrow Compact Quiver  
2 #2018 30" Aluminum Arrows  
Peep Sight

Deluxe Biscuit Rest  
3-Pin Plastic Optical Sight  
3-Arrow Compact Quiver  
2 30" Carbon Arrows  
Peep Sight

PACKAGE INCLUDES





# ARROWCRAFT

True  
flight  
builds  
consistency.

From  
the string  
to  
the heart.



**STRINGWORK**



# PROTEX

*SPEED*

230 FPS

*DRAW WEIGHT*

40-55 LBS

*DRAW LENGTH*

26"-29"

*AXLE TO AXLE*

40.5"

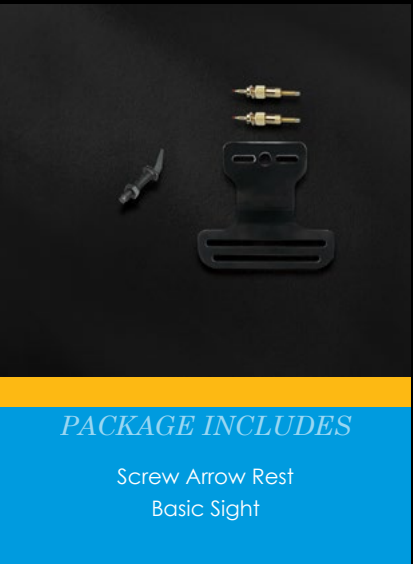
*BRACE HEIGHT*

8.5"

*LET-OFF*

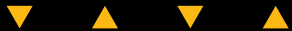
65%

- ☐ CO-030B-4026<sub>BLACK</sub> / 40 LBS
- ☐ CO-030B-5529<sub>BLACK</sub> / 55 LBS
- ☐ CO-030LB-4026<sub>BLACK</sub> / Left Hand / 40 LBS
- ☐ CO-030LB-5529<sub>BLACK</sub> / Left Hand / 55 LBS



*PACKAGE INCLUDES*

Screw Arrow Rest  
Basic Sight





# BLUE JAZZ

*DRAW WEIGHT*  
30 LBS

*DRAW LENGTH*  
23"-32"

*BRACE HEIGHT*  
7.25"

*BOW LENGTH*  
62"

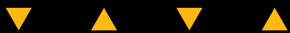
RE-019<sub>BLUE</sub>

RE-019<sub>BLUE</sub> / Left Hand



*PACKAGE INCLUDES*

Stick-on Arrow Rest  
Basic Sight



# THRÜST

*SPEED*

310 FPS

*DRAW WEIGHT*

50-70 LBS

*DRAW LENGTH*

25"-31"

*AXLE TO AXLE*

36.75"

*BRACE HEIGHT*

7"

*LET-OFF*

75%

*MASS WEIGHT (BOW ONLY)*

3.4 LBS

CO-025G1-50NEXT G1 / 50 LBS

CO-025G1-70NEXT G1 / 70 LBS





# ROBINHOOD

*DRAW WEIGHT*

30-35 LBS

*DRAW LENGTH*

22"-29"

*BOW LENGTH*


59.25"

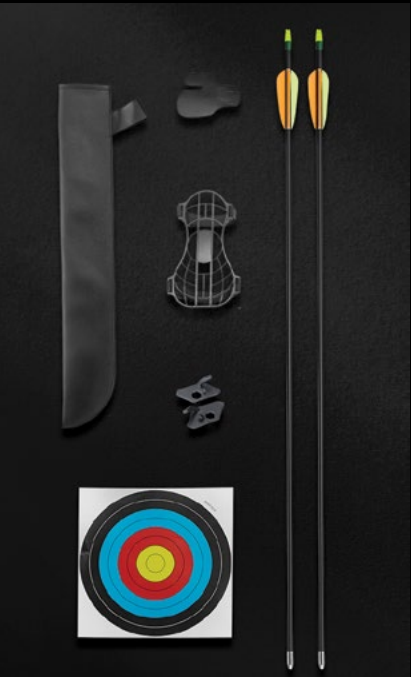
*BRACE HEIGHT*

6"

 RE-018A*AUTUMN CAMO*

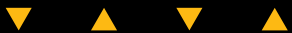
 RE-018W*WOOD CAMO*

 RE-018B*BLACK*



*PACKAGE INCLUDES*

- Mini Stick-on Arrow Rest
- Simple Quiver
- Target Face
- 2 30" Fiberglass Arrows
- Armguard
- Finger Tab



# FINISHING AND DETAIL

---





From  
our Craftmans' hands  
to  
yours





# BUSTER

*DRAW WEIGHT*  
15-29 LBS

*DRAW LENGTH*  
17"-26"

*AXLE TO AXLE*  
25"

*BRACE HEIGHT*  
7"

*LET-OFF*  
75%



CO-034B BLACK

CO-034P PINK

CO-034G NEXT G1 *next 61*  
the next generation of compound bows

Horn Rubber Rest | 1-Pin Brass Sight | 4pcs Arrow Quiver | Finger Rollers | Armguard | 2 26" Fiberglass Arrows

PACKAGE INCLUDES



# FUSION

*DRAW WEIGHT*  
17-22 LBS

*DRAW LENGTH*  
21"-23"

*AXLE TO AXLE*  
27"

*BRACE HEIGHT*  
7.5"

*LET-OFF*  
65%



CO-019B<sub>BLACK</sub>

Horn Rubber Rest | 1-Pin Brass Sight | 4pcs Arrow Quiver | Finger Rollers | Armguard | 2 24" Fiberglass Arrows

*PACKAGE INCLUDES*



# KORRIGAN

*DRAW WEIGHT*

15-20 LBS

*DRAW LENGTH*

21"-28"

*BRACE HEIGHT*

6.25"

*BOW LENGTH*

48.5"

RE-011BBLACK



*PACKAGE INCLUDES*

- Horn Rubber Rest
- 1-Pin Brass Sight
- 4pcs Arrow Quiver
- 3 Finger Tab
- Armguard
- 2 26" Fiberglass Arrows



# KIRUPIRA

*DRAW WEIGHT*

15-20 LBS

*DRAW LENGTH*

22"-24"

*AXLE TO AXLE*

34.5"

*BRACE HEIGHT*

6"

*LET-OFF*

65%

CO-013BBLACK



*PACKAGE INCLUDES*

- Horn Rubber Rest
- 1-Pin Brass Sight
- 4pcs Arrow Quiver
- 3 Finger Tab
- Armguard
- 2 24" Fiberglass Arrows





## BEETLE

*DRAW WEIGHT*

15-20 LBS

*DRAW LENGTH*

22"-26"

*BRACE HEIGHT*

6"

*BOW LENGTH*

48.5"

RE-013UW3 SHINY BLUE



*PACKAGE INCLUDES*

Plastic Screw Rest  
1-Pin Brass Sight  
Simple Quiver  
Armguard  
3 27" Wooden Arrows



## FIRESTAR

*DRAW WEIGHT*

30 LBS

*DRAW LENGTH*

24"-26"

*AXLE TO AXLE*

30.75"

*BRACE HEIGHT*

8"

*LET-OFF*

65%

CO-014UCB3 SHINY BLUE



*PACKAGE INCLUDES*

Plastic Screw Rest  
1-Pin Brass Sight  
Simple Quiver  
Armguard  
3 27" Wooden Arrows



# CHAMELEON

*DRAW WEIGHT*  
10-15 LBS

*DRAW LENGTH*  
20"-24"

*BRACE HEIGHT*  
6"

*BOW LENGTH*  
48.5"

RE-012B<sub>BLACK</sub>



## PACKAGE INCLUDES

- Stick-on Rest
- 1-Pin Brass Sight
- Simple Quiver
- 3 Finger Rollers
- Armguard
- 2 26" Fiberglass Arrows
- Target Face



*DRAW WEIGHT*  
10-15 LBS

*DRAW LENGTH*  
22"

*AXLE TO AXLE*  
33"

*BRACE HEIGHT*  
7.25"

*LET-OFF*  
65%

CO-017B<sub>BLACK</sub>



## PACKAGE INCLUDES

- Stick-on Rest
- 1-Pin Brass Sight
- Simple Quiver
- 3 Finger Rollers
- Armguard
- 2 26" Fiberglass Arrows
- Target Face



# CRUSADER

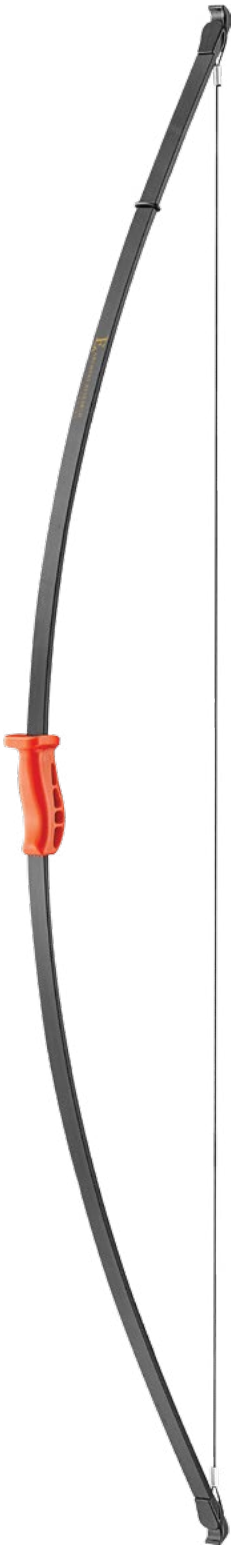
*DRAW WEIGHT*  
15 LBS

*DRAW LENGTH*  
22"-28"

*BRACE HEIGHT*  
6"

*BOW LENGTH*  
51"

RE-003BBLACK



*PACKAGE INCLUDES*

Simple Quiver  
3 30" Wooden Arrows  
Target Face



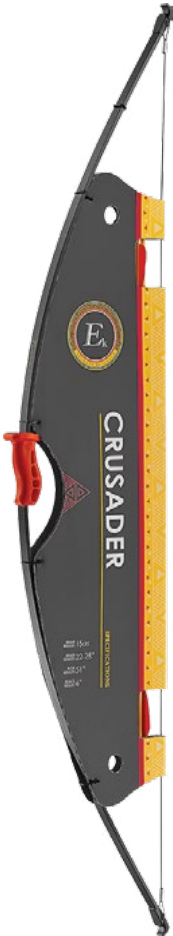
*DRAW WEIGHT*  
12 LBS

*DRAW LENGTH*  
18"-24"

*BRACE HEIGHT*  
5.5"

*BOW LENGTH*  
44"

RE-004BBLACK



*PACKAGE INCLUDES*

Simple Quiver  
3 27" Wooden Arrows  
Target Face



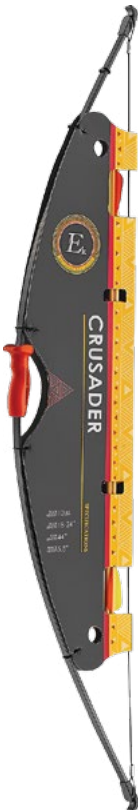
*DRAW WEIGHT*  
10 LBS

*DRAW LENGTH*  
16"-22"

*BRACE HEIGHT*  
5"

*BOW LENGTH*  
36.5"

RE-005BBLACK



*PACKAGE INCLUDES*

Simple Quiver  
3 24" Wooden Arrows  
Target Face





# ARROWS

Be centered, and the arrow will follow.





3pcs  
Clamshell  
Pack



5pcs  
Bag  
Pack



6pcs  
Box  
Pack



10pcs  
Clamshell  
Pack



72pcs  
Box  
Pack



## ARROW

### WOODEN ARROW

NO.	SIZE	PACKAGING
D-049NF-C1	27"	3pcs Clamshell Pack
D-053NF-C1	28"	3pcs Clamshell Pack
D-002NF-C (Steel Point)	29"	3pcs Clamshell Pack
D-081NF-C1 (Steel Point)	30"	3pcs Clamshell Pack
D-071NF-C1 (Steel Point)	32"	3pcs Clamshell Pack

### TARGET WOODEN ARROW

NO.	SIZE	PACKAGING
D-052A-C3	24"	5pcs Bag Pack
D-003A-C3	27"	5pcs Bag Pack
D-053-C3	28"	5pcs Box Pack
D-002A-B3 (Steel Point)	29"	5pcs Bag Pack
D-081A-B1 (Steel Point)	30"	5pcs Box Pack
D-027A-B1	30"	5pcs Bag Pack

### ALUMINUM ARROW

	NO.	SIZE	PACKAGING
1716	D-029BA-1	30"	5pcs Bag Pack
1816	D-028B1-1	30"	5pcs Bag Pack
1916	D-001-B3	29"	5pcs Bag Pack
2018	D-016-B	30"	5pcs Bag Pack
2117	D-033A-C1	30"	5pcs Bag Pack
2118	D-021A-B1	30"	5pcs Bag Pack
2317	D-020A-B3	30"	5pcs Bag Pack

### FIBERGLASS ARROW

NO.	SIZE	PACKAGING
D-047-B3	26"	5pcs Bag Pack
D-055-B3	28"	5pcs Bag Pack
D-065-B3	30"	5pcs Bag Pack

### CARBON ARROW

NO.	SIZE	PACKAGING
D-030B-C4	30"	6pcs Box Pack

## BOLT

### ALUMINUM BOLT

	NO.	SIZE	PACKAGING
2018	D-011M-B2	14"	5pcs Bag Pack
2018	D-008M-B5	16"	5pcs Bag Pack
2219	D-018M2	16"	5pcs Bag Pack
2219	D-024MA-B2	20"	5pcs Bag Pack

### CARBON BOLT

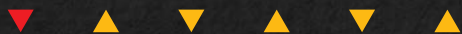
NO.	SIZE	PACKAGING
D-067B05	20"	6pcs Box Pack
D-069B-C2	22"	6pcs Box Pack

## BOLT

### PISTAL CROSSBOW

	NO.	SIZE	PACKAGING	
	1616	D-015A10	6.5"	10pcs Clamshell Pack
	PLASTIC	D-014A4	6.5"	10pcs Clamshell Pack

# ACCE SSORIES

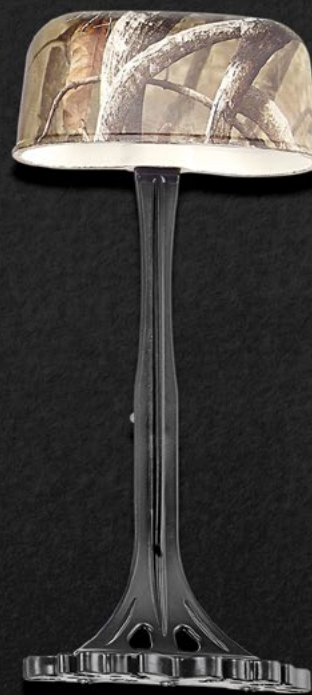


C2

C1



C3



C4



C5

## FOR CROSSBOW

C1 B30038  
String Stopper

C2 B10021  
Cocking Rope

C3 B10016P  
String Wax

C4 B10003B  
6-Bolt Quiver

C5 B20007  
Padded Shoulder Sling

## FOR BOW

B1 B10002H(R) B10002HL(L)  
Screw Arrow Rest

B2 B10002O  
Drop Arrow Rest

B3 B10002A(R) B10002C(L)  
Stick-on Arrow Rest

B4 B10002K  
Launcher Arrow Rest

B5 B10010A  
Release Aid (Adjustable)





**B6** B10003DS  
Faux Leather Shoulder Quiver

**B7** B10003C  
3-arrow Compact Quiver

**B8** B10021M  
Spider Silencer

**B9** B10014  
3-pin Plastic Optical Sight

**B10** B30023B  
Peep Sight

**B11** B30024C  
Bow Sling

**B12** B10017A  
Foam Target Set 65x65x10cm / Wood Stand

**B13** B10017C  
Foam Target Set 65x65x4.8cm / Metal Stand

**B14** B10017C  
Basic Wood Stand For 60x60cm Targets

**B15** B10017E4  
Foam Target 60x60x10cm

**B16** B10017E5  
Foam Target 60x60x7cm

**B17** B10017E6  
Foam Target 60x60x5cm

**B18** B10015  
Target Pin

**B19** B30032C  
Rubber Stabilizer

**B20** B30013B  
5-pin Aluminum Optical Sight

CROSSBOW

PRODUCT NAME	NO.	COLOR	SPEED	DRAW WEIGHT	POWER STROKE	AXLE TO AXLE		MASS WEIGHT (BOW ONLY)	WIDTH	LENGTH	PAGE
BALLISTIC-410	CR-068B	BLACK	410 FPS / 380 Gn	200 LBS	14.5"	13" COCKED	17.5" UNCOCKED	8.1 LBS		35.5"-38"	16
BALLISTIC-390	CR-069SC	SNOW CAMO	390 FPS / 380 Gn	185 LBS	13.75"	14" COCKED	18" UNCOCKED	7.7 LBS		35.5"-38"	18
BALLISTIC-370	CR-079B	BLACK	370 FPS / 380 Gn	185 LBS	13.75"	14" COCKED	18" UNCOCKED	6.7 LBS		34.5"-37"	20
	CR-079M	FOLIUM									
JAGUAR II	CR-071B	BLACK	240 FPS / 350 Gn	175 LBS	11"			4.9 LBS	28"	30.5"-33"	24
	CR-071M	FOLIUM									
BLADE	CR-070B	BLACK	340 FPS / 380 Gn	175 LBS	12.5"	14" COCKED	17" UNCOCKED	6.7 LBS		33.5"-36"	26
	CR-070M	FOLIUM									
TORPEDO	CR-054CBR	BLACK	355 FPS / 380 Gn	185 LBS	13"	13.5" COCKED	17" UNCOCKED	7.5 LBS		35"-37.75"	28
GUILLOTINE-X	CR-062M	FOLIUM	400 FPS / 380 Gn	185 LBS	14.5"	13" COCKED	17.5" UNCOCKED	8.6 LBS		37.75"	34
GUILLOTINE-M	CR-063M	FOLIUM	370 FPS / 380 Gn	185 LBS	13.75"	14" COCKED	18" UNCOCKED	8.0 LBS		35"	36
TITAN	CR-026G1	NEXT G1	385 FPS / 380 Gn	200 LBS	14"	19" COCKED	21.75" UNCOCKED	8.6 LBS		38.5"	40
DESERT HAWK	CR-037G1	NEXT G1	330 FPS / 380 Gn	225 LBS	15.25"			7.4 LBS	35"	39"	40
JAGUAR	CR-013B	BLACK	210 FPS / 350 Gn	150 LBS	10"			5.7 LBS	27"	35"	41
	CR-013A	SPRING CAMO	220 FPS / 350Gn	175 LBS							
COBRA ALUMINUM WOOD CAMO	CR-039W4	WOOD CAMO	175 FPS	80 LBS	6"			1.9 LBS	17.25"	19.5"	43
COBRA PLASTIC BLACK	CR-002BA	BLACK	175 FPS	80 LBS	6"			1.3 LBS	17.25"	19.5"	43

BOW

PRODUCT NAME	NO.	COLOR	SPEED	DRAW WEIGHT	DRAW LENGTH	AXLE TO AXLE	BOW LENGTH	BRACE HEIGHT	LET-OFF	MASS WEIGHT (BOW ONLY)	PAGE
AXIS	CO-039B	BLACK	300+ FPS	60 LBS	24"-32"	32"		8"	75%	3.9 LBS	48
	CO-039U	SHINY BLUE									
	CO-039R	SHINY RED									
BEAST	CO-036B	BLACK	320 FPS	35-70 LBS	25"-31"	31.5"		7"	80%	3.8 LBS	52
	CO-036F	FOLIUM									
ASSASSIN	CO-035B	BLACK	310 FPS	15-70 LBS	17"-31"	30"		7"	75%	3.6 LBS	56
	CO-035F	FOLIUM									
REX	CO-029B	BLACK	230 FPS	15-55 LBS	20"-29"	28"		7.25"	65%	3.2 LBS	58
	CO-029M	SKULL CAMO									
	CO-029F	FOLIUM	250 FPS	20-65 LBS							
PROTEX	CO-030B-4026	BLACK	230 FPS	40 LBS	26"-29"	40.5"		8.5"	65%		62
	CO-030B-5529	BLACK		55 LBS							
	CO-030LB-4026	BLACK		40 LBS							
	CO-030LB-5529	BLACK		55 LBS							
BLUE JAZZ	RE-019	BLUE		30 LBS	23"-32"		62"	7.25"			63
	RE-019L	BLUE									
THRÜST	CO-025G1-50	NEXT G1	310 FPS	50 LBS	25"-31"	36.75"		7"	75%	3.4 LBS	64
	CO-025G1-70	NEXT G1		70 LBS							
ROBINHOOD	RE-018AC	AUTUMN CAMO		30-35 LBS	22"-29"		59.25"	6"			65
	RE-018W	WOOD CAMO									
	RE-018B	BLACK									
BUSTER	CO-034B	BLACK		15-29 LBS	17"-26"	25"		7"	75%		68
	CO-034P	PINK									
	CO-034G	NEXT G1									
FUSION	CO-019B	BLACK		17-22 LBS	21"-23"	27"		7.5"	65%		69

PRODUCT NAME	NO.	COLOR	SPEED	DRAW WEIGHT	DRAW LENGTH	AXLE TO AXLE	BOW LENGTH	BRACE HEIGHT	LET-OFF	MASS WEIGHT (BOW ONLY)	PAGE
KORRIGAN	RE-011B	BLACK		15-20 LBS	21"-28"		48.5"	6.25"			70
KIRUPIRA	CO-013B	BLACK		15-20 LBS	22"-24"	34.5"		6"	65%		70
BEETLE	RE-013UW3	SHINY BLUE		15-20 LBS	22"-26"		48.5"	6"			71
FIRESTAR	CO-014UCB3	SHINY BLUE		30 LBS	24"-26"	30.75"		8"	65%		71
CHAMELEON	RE-012B	BLACK		10-15 LBS	20"-24"		48.5"	6"			72
	CO-017B	BLACK		10-15 LBS	22"	33"		7.25"	65%		
CRUSADER	RE-003B	BLACK		15 LBS	22"-28"		51"	6"			73
	RE-004B	BLACK		12 LBS	18"-24"		44"	5.5"			
	RE-005B	BLACK		10 LBS	16"-22"		36.5"	5"			

BOW

	NO.	SIZE	PACKAGING	PAGE
Wooden Arrow	D-049NF-C1	27"	3pcs Clamshell Pack	75
	D-053-NF-C1	28"	3pcs Clamshell Pack	75
	D-002NF-C(SP)	29"	3pcs Clamshell Pack	75
	D-081NF-C1(SP)	30"	3pcs Clamshell Pack	75
	D-071NF-C1(SP)	32"	3pcs Clamshell Pack	75
Target Wooden Arrow	D-052A-C3	24"	5pcs Bag Pack	75
	D-003A-C3	27"	5pcs Bag Pack	75
	D-053-C3	28"	5pcs Bag Pack	75
	D-002A-B3(SP)	29"	5pcs Box Pack	75
	D-081A-B1(SP)	30"	5pcs Bag Pack	75
	D-027A-B1	30"	5pcs Box Pack	75
Fiberglass Arrow	D-047-B3	26"	5pcs Bag Pack	75
	D-055-B3	28"	5pcs Bag Pack	75
	D-065-B3	30"	5pcs Bag Pack	75
Carbon Arrow	D-030B-C4	30"	6pcs Box Pack	75

		NO.	SIZE	PACKAGING	PAGE
Aluminum Arrow	1716	D-029BA-1	30"	5pcs Bag Pack	75
	1816	D-028BA-1	30"	5pcs Bag Pack	75
	1916	D-001-B3	29"	5pcs Bag Pack	75
	2018	D-016-B	30"	5pcs Bag Pack	75
	2117	D-033A-C1	30"	5pcs Bag Pack	75
	2118	D-021A-B1	30"	5pcs Bag Pack	75
	2317	D-020-B3	30"	5pcs Bag Pack	75
Aluminum Bolt	2018	D-011M-B2	14"	5pcs Bag Pack	75
	2018	D-008M-B5	16"	5pcs Bag Pack	75
	2219	D-018M2	16"	5pcs Bag Pack	75
	2219	D-024MA-B2	20"	5pcs Bag Pack	75
Carbon Bolt		D-067B05	20"	6pcs Box Pack	75
		D-069B-C2	22"	6pcs Box Pack	75
Pistol Crossbow Bolt	1616	D-015A10	6.5"	10pcs Clamshell Pack	75
	Plastic	D-014A4	6.5"	10pcs Clamshell Pack	75

ARROWS

	NO.	PRODUCT NAME	PAGE
For Crossbow	B30038	String Stopper	76
	B10021	Cocking Rope	76
	B10016P	String Wax	76
	B10003B	6-Bolt Quiver	76
	B20007	Padded Shoulder Sling	76

	NO.	PRODUCT NAME	PAGE
For Bow	B10002H(R)	Screw Arrow Rest	76
	B10002HL(L)		
	B10002A(R)	Stick-on Arrow Rest	76
	B10002C(L)		
	B10002K	Launcher Arrow Rest	76
	B10002O	Drop Arrow Rest	76
	B10010A	Release Aid (Adjustable)	76
	B10003DS	Faux Leather Shoulder Quiver	77

	NO.	PRODUCT NAME	PAGE
For Bow	B10003C	3-Arrow Compact Quiver	77
	B10021M	Spider Silencer	77
	B10014	3-pin Plastic Optical Sight	77
	B30023B	Peep Sight	77
	B30024C	Bow Sling	77
	B10017A	Foam Target Set 65x65x10cm Wood Stand	77
	B10017C	Foam Target Set 60x60x4.8cm Metal Stand	77
	B10017WT-S	Basic Wood Stand (for 60x60cm targets)	77
	B10017E4	Foam Target 60x60x10cm	77
	B10017E5	Foam Target 60x60x7cm	77
	B10017E6	Foam Target 60x60x5cm	77
	B10015	Target Pin	77
	B30032C	Rubber Stabilizer	77
	B30013B	5-pin Aluminum Optical Sight	77

ACCESSORIES





INJECTION



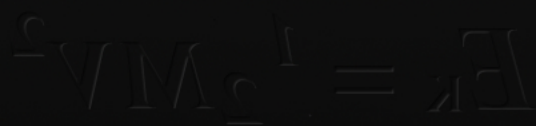
CNC



DESIGN




QUALITY  
CONTROL



"The hand that stretches the bow must open like a child's hand opens. What sometimes hinders the precision of the shot is the archer's over-active will. He thinks: "What I fail to do will not be done", and that's not quite how things work. Man should always act, but he must also let other forces of the universe act in their own due time."

- Eugen Herrigel "Zen in der Kunst des Bogenschiessens"


$$E_k = \frac{1}{2}MV^2$$