



GEARHEAD ARCHERY
rethinking tradition.



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OUR STORY

Innovation: the fuel that powers a company. Without innovation, a business quickly only offers “me too” products with the price as the only thing left on which to compete. Gearhead Archery delivers fresh ideas, developing better archery products through superior engineering and higher quality materials.

Gearhead Archery began developing unique and radical bow designs in 2008. Some of the early designs included bows with no crossover cables, power from springs, and cam timing from gears. In fact, the timing gears on that bow, are what gave Gearhead Archery its name.

In the early years, the goal was to create working proto-type bows and pitch the technology to other companies. The hope was to either sell the patents or set up a royalty stream. Gearhead Archery has been successful in selling patents and their influence can be seen throughout the archery industry.

Gearhead Archery’s foundation is built upon engineering robotic equipment required to operate flawlessly, 3 shifts, 365 days a year. The precise structures of this equipment make up the backbone that gives the Gearhead Archery bow riser its strength. Gearhead Archery started its journey into the archery market with a bold innovative design in 2015. The T18 was the first model for Gearhead Archery’s new bow technology, implementing side plates with standoffs, to create a shoot through riser design. The compression strength, accuracy and stress-free design of this riser structure is superior to any bow riser on the market, period.

Today, Gearhead Archery has a family of bows and an army of workers. The 2019 bow lineup begins a new chapter for Gearhead Archery. The “B Series” offers complete adjustability. The bows still convert from right to left hand or vice versa, but now they have 10 pounds of weight adjustment and 4 inches of draw length adjustment in a rotating module. The slider grip allows adjustment of the brace height to 5, 6 or 7 inches, all in one bow. This catalog will help explain the different models, so you can choose the best bow fit for you.

At Gearhead Archery, rethinking tradition is just what we do. What if anything was possible? What if failure was never an option? What would you do? What would you make? Change your mind and you can change the world!

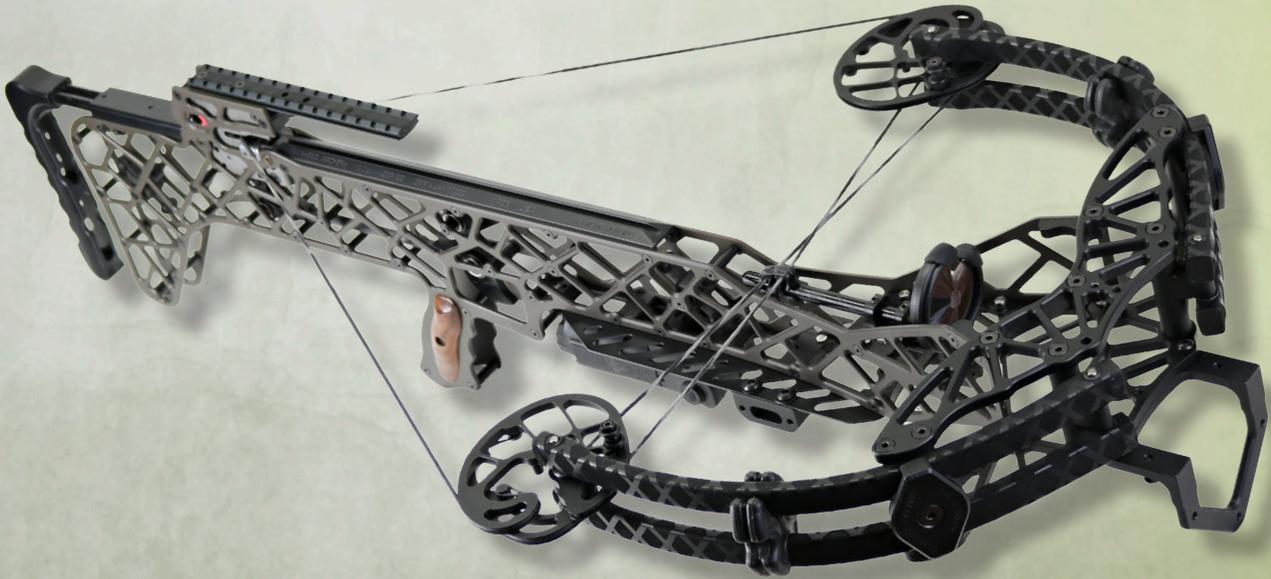
The Gearhead team is made up of hunters. Many of us have worked together for more than 20 years. We have an attitude that anything is possible, we are hardworking and proud to be made in America.

Gearhead Archery, Welcome to our family.

Gearhead Archery’s cams are licensed under US Patent number 7,997,259 and 6,990,970. Gearhead Archery has 6 patents that have been issued and a number of patents pending.

Gearhead Patents; 9,354,016 / 9,140,513 / D774154 / 9,599,428 / 9,658,024 / 10,139,190





X16

The X16 Carbon Crossbow is 4.50 pounds as a bare bow. The weight of this crossbow is lighter than many compound bows on the market today. Furthermore, the X16 shoots regular nock arrows and can be shot thousands of times without burning out the string or power cables. This crossbow is easy to cock and does not require a foot stirrup or rope cocker. However, we have both options available. People who struggle to cock most crossbows, will enjoy cocking and shooting the X16 with or without a rope cocker. The X16 is as quiet as our compound bows. We consistently have the quietest crossbows in the crossbow test reviews. This crossbow has a traditional look, but the fit, feel, aim, accuracy and balance are truly amazing.

Multiple Patents Pending

Draw Weight (lbs):
75/90/125

Draw Length (in):
16" Power Stroke

Length ATA (in):
18.5/14.75

Trigger Pull (lb.):
3.1

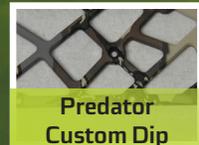
Aluminum Weight (lbs):
5.5

Carbon Weight (lbs):
4.5

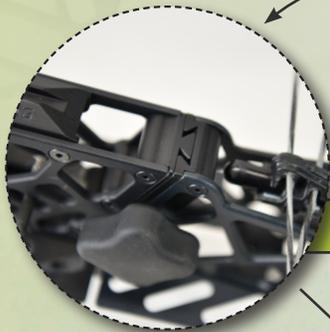
Speed up to (fps):
350 @ 125 lbs. with a 325 grain

Kinetic Energy (ft.-lb.):
90

Available Colors:



**X16
series**

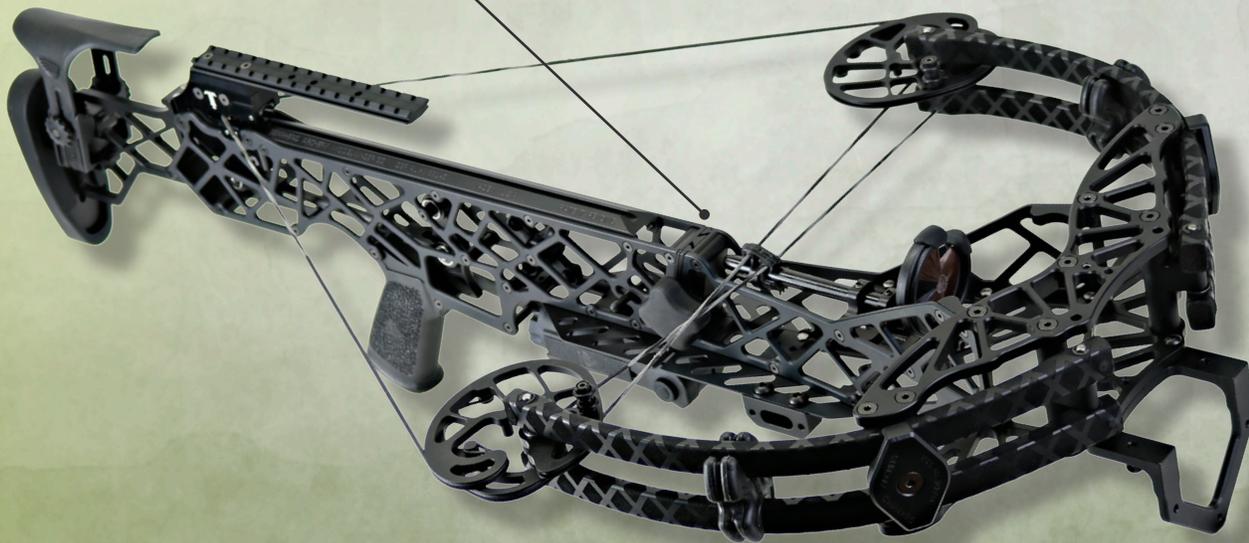


precision dovetail joint and robust clamping mechanism

Slide the two halves together to the alignment stop and tighten the cam clamp into place.



Transport Pack



X16 TACTICAL

The X16 Tactical is yet another innovative design from Gearhead Archery. The Gearhead team stepped it up, yet again. This crossbow is packable and is of a takedown design. The X16 Tactical has a precision dovetail joint with a robust clamping mechanism. This allows the X16 Tactical to be assembled in the field without sacrificing accuracy. Just slide the two halves together to the alignment stop and tighten the cam clamp into place. The footprint and specs of this crossbow are the same as the X16. It is built with a Trigger Tech trigger box and an arrow rest that can be paper tuned. The X16 Tactical crossbow is the first of its kind. It is superior in accuracy, breaks down and fits in a pack, all in just a few minutes. No more challenging transportation of your crossbow. Gearhead Archery makes it easy with the X16 Tactical.

Patent #10,139,190 and others pending

Draw Weight (lbs):
75/90/125

Draw Length (in):
16" Power Stroke

Length ATA (in):
18.5/14.75

Trigger Pull (lb.):
2.1

Aluminum Weight (lbs):
6.25

Carbon Weight (lbs):
5.25

Speed up to (fps):
350 @ 125 lbs. with a 325 grain

Kinetic Energy (ft.-lb.):
90

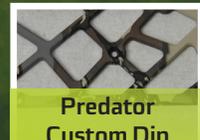
Available Colors:



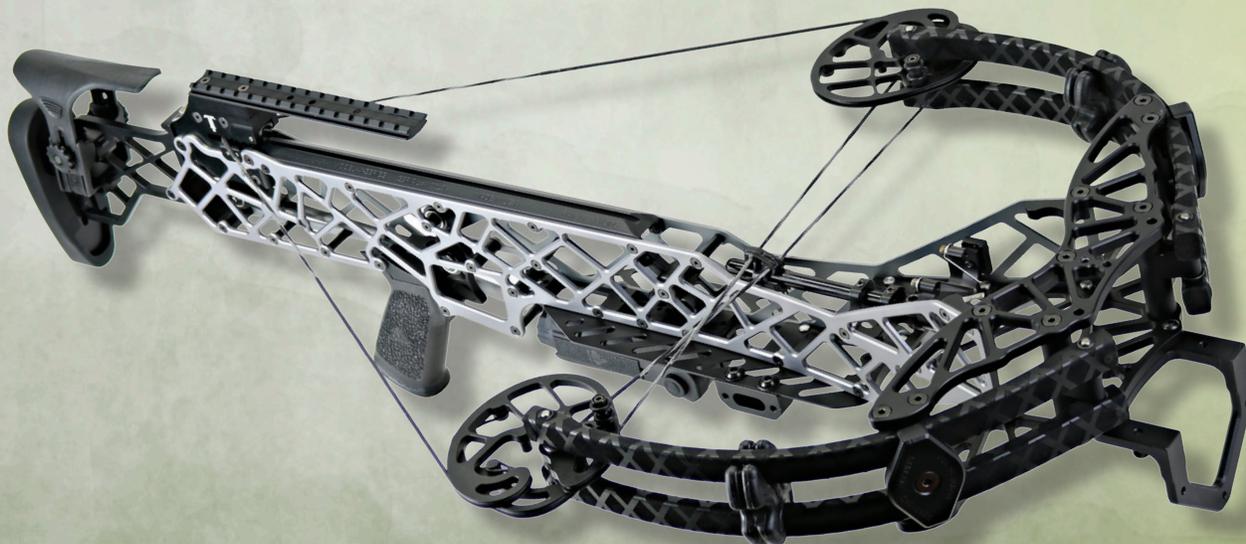
Black



Carbon Fiber



Predator
Custom Dip



X16 TARGET

The X16 Target was inspired by the competitive nature of the ASA crossbow class. Gearhead Archery's design team went to work as they modified the current X16 to accept a Trigger Tech trigger box and a tunable arrow rest. But, they didn't stop there. The team made it possible to attach any AR style grip and butt stock to the X16 platform. The X16 Target still shoots a nocked arrow, it's easy to cock, lightweight and perfectly balanced. The Trigger Tech trigger box in this platform, has a trigger pull of 2.1 pounds. Couple that with an arrow rest that can be paper tuned, and this crossbow is ready for the podium!

Multiple Patents Pending

Draw Weight (lbs):
75/90/125

Draw Length (in):
16" Power Stroke

Length ATA (in):
18.5/14.75

Aluminum Weight (lbs):
6.25

Speed up to (fps):
350 @ 125 lbs. with a 325 grain

Trigger Pull (lb.):
2.1

Kinetic Energy (ft-lb.):
90

Available Colors:



**Predator
Custom Dip**



Earthtone



GEARHEAD Accessories

At Gearhead Archery we are always thinking of how to give the archer more options. With the new B series, there are up to nine places to add a stabilizer. In the T series there is an extra tapped hole to add a picatinny rail. An action camera fits perfectly and is protected between the riser plates. Gearhead Archery has developed extended releases in three different types. This allows short draw length bows to be shot by those with longer draw lengths. The Gearhead packs come in three sizes, with three colors for three bow sizes. You can even go to our website and purchase Gearhead Archery arrows in a 400 spine. Accessorize with Gearhead!





Technical Data

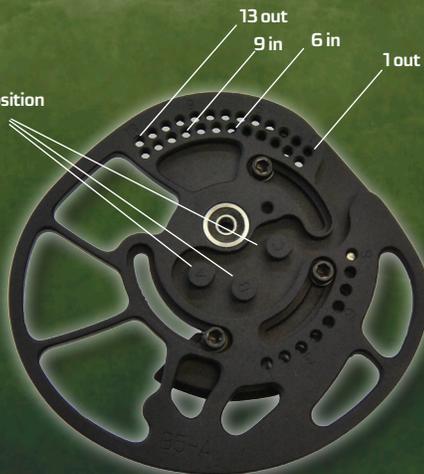
The new B Series from Gearhead Archery is the most technically advanced compound bow ever designed. This chapter of the catalog is dedicated to the specific models of the Gearhead lineup and contains all the information on strings, limbs and cams. This chapter also has the information for each bow model to achieve the desired settings. The brace height adjusts 1.75" in .25" increments and the hand torque correcting, center shot alignment adjusts .375" left or right in .125" increments. The draw length adjusts 4.00" and cam rotation 1.50". The let-off adjusts 0 to 85% and all Gearhead bows convert from right to left hand or vice versa. The B Series with its new cams and the Slider Grip, has an incredible amount of adjustability and speed. The following data will help you to adjust the bow to your desired fit and feel.

MOD indexes 1 to 9



The CAM has (3) String Posts A B C and 13 Inner 13 outer Limb Stop Positions

ABC string position



Rotating CAM Module provides 4 inches of draw length adjustment with 9 index positions

DESCRIPTION

The B1 cam has a rotating module with 9 index positions, 13 limb draw stop positions, and 3 draw string post positions. The 3 string posts on each B1 cam allows for cam rotation adjustments for a total of 5 positions, AA, A-B, B-B, B-C, C-C, each position adjustments for a total of 5 the draw length with A-A being the shortest and C-C the longest, with a total of 150 inches in draw length adjustment in 0.3" increments. Furthermore, the A-A position provides the lowest poundage and the C-C the highest poundage by fine tuning the cam starting positions on the B36 that adjust limb poundage provide another 10 pounds of adjustment independent of the cam. The tiller module has 9 positions that provide 4 inches of draw length adjustment and when combined with the slider grip and cam posts for a total of 7.0 inches of draw length adjustment can be obtained with the B36. The new slider grip provides a .5" forward and 1.25" back adjustment to allow brace height and draw length to be micro adjusted in .25" increments. The slider grip can also remove hand torque and align center shot with a full .375" of left or right adjust to fine tune the center shot in .125" increments.

Bows	Draw Weight (lbs)	Draw Length (Inch)	Aluminum Weights (lbs)	Carbon Weight (lbs)	Length ATA (in)	Brace Height (in)	IBO Speed (FPS)	Kinetic Energy (ft-lb)	Aluminum MSRP	Carbon Fiber MSRP
B20	50,60,70	24.5" to 31.5"	4.00	-----	20.5"	5.75-7.50	335	87	\$1199	-----
B24	50,60,70	25.5" to 32"	4.25	-----	24.5"	5.00-6.75	350	95	\$1199	-----
B24 SHORT	40,50,60,70	21.5" to 27"	4.00	-----	24.5"	5.00-6.75	-----	-----	\$1199	-----
B30	50,60,70	25.5-31.5	4.50	-----	30.5"	5.25-7.00	350	95	\$1299	-----
B34	50,60,70	26-32	4.75	-----	34.5"	5.25-7.00	360	100	\$1299	-----
B36	50,60,70	25.5-31.5	5.40	-----	36.5"	5.75-7.50	340	90	\$1999	-----
B40	50,60,70	26-32	5.60	-----	40.5"	5.75-7.50	350	95	\$1999	-----
T18	40,50,60,70	24,25,26,27,28,29	3.10	2.7	18.5"	7.00	315 (@ 29" Draw)	77	\$999	\$1,699
T20	40,50,60,70	26,27,28,29	3.20	2.8	20.5"	6.50	320 (@ 29" Draw)	65	\$999	\$1,699
T24	40,50,60,70	25,26,27,28,29,30	3.60	3.0	24.5"	6.50	325	82	\$999	\$1,699
T30	40,50,60,70	26,27,28,29,30,31	4.10	3.3	30.5"	6.50	320	80	\$999	\$1,699
T33	40,50,60,70	27,28,29,30,31,32	4.75	-----	33.5"	6.50	315	77	\$1,299	-----
T36	40,50,60,70	28,29,30,31,32,33	4.90	-----	36.5"	6.50	310	75	\$1,299	-----
M30	50,60,70	26,27,28,29,30	3.80	3.1	30.5"	6.00	340	90	\$1,499	\$1,999
X16	75,90,125	16" Power Stroke	5.50	4.5		-----	350@ 125lbs.	90	\$1,699	\$2,199
X16 Tactical	75,90,125	16" Power Stroke	6.25	5.3		-----	350@ 125lbs.	90	\$2,199	\$2,699
X16 Target	75,90,125	16" Power Stroke	6.25	-----		-----	350@ 125lbs.	90	\$2,099	-----
T15 Pro	29	18-32	2.00	-----	15"	7.25	237	27	\$379	-----
T15 XL	29	18-32	2.80	-----	23"	7.25	237	27	\$399	-----

[Cam, String, Limb & Pad Chart]

SERIES	T18					T20				T24						X16	
DRAW Length	24"	25"	26"	27"	28"	29"	26"	27"	28"	29"	25"	26"	27"	28"	29"	30"	
CAM																	
1																	
2																	
3																	
4																	
5																	
X16																	
Limb Length-#																	
12"-27		40										40	40	40			
12"-31	40						40	40	40		40	50			40		
12"-36		50									50		50	50			
12"-40	50	60					50	50	50		60	60			50		
12"-47	60						60	60	60			70	60	60	60		
12"-51		70									70		70	70			
12"-55	70						70	70	70						70		
12"-26			50	50	50					40						40	
12"-32			60	60	60					50						50	75
12"-39			70	70	70	60				60						60	
12"-46						70				70						70	90
12"-63x																	125
PAD Thickness																	
Thin .125"	40-70	50, 70				50-70	40-70	40-70	40-60	40-70	40, 50, 70	40	50, 60	50, 60	40-70	40-70	75-125
Thick .188"		40, 60	50-70	50-70	50-70				70		60	50-70	40, 70	40, 70			
Power Cable (Length) Serving 4" and 8"																	
T18 PC (22-1/2")																	
T20 PC (24-3/8")																	
T24 PC (28-3/8")																	
Draw String (Length)																	
DS-T18-FS-B5/B 24-26 (42")																	13-1/2"
DS-T18-FS-B5/B 27-28 (45")																	15-1/2"
DS-T18-FS-B5/B 29 (47-7/8")																	13-1/2"
DS-T20-FS-B5/B 26-27 (46-7/8")																	13-1/2"
DS-T20-FS-B5/B 28-29 (49")																	15-1/2"
DS-T24-FS-B5/B 25-26 (48-1/2")																	13-1/2"
DS-T24-FS-B5/B 27-28 (50-3/8")																	13-1/2"
DS-T24-FS-B5/B 29-30 (53-1/4")																	15-1/2"

SERVING LENGTH-PER END/STD CENTER

