

# SPECIFICATION SHEET FOR XT & XS

Bow Specifications		
	XS	XT
Axle to Axle*	33" - 33 3/4"	38" - 38 3/4"
Brace Height (Viper)*	7"	7.5"
Brace Height (Alpha)*	7.25"	7.75"
Mass Weight*	4lb 2oz	4lb 8oz
Riser Length	22"	27"
Limb Length	15"	15"
IBO Viper*	320fps	315fps
IBO Alpha*	305fps	300fps
Draw Weights	30-70#	30-70#
Draw Lengths (Viper)	24" - 31 1/2"	25 3/4" - 33 1/4"
Draw Lengths (Alpha)	24 1/2" - 29 1/2"	26" - 31"
*Approximate measurement depending on configuration		

Bolts and Threads	
Limb Bolt	M8
Limb Pocket Pivot Screw	M5
Limb Pocket Lock Screw	M4
Sight Mounting Thread	3/16 UNC
Stabiliser Mounting Thread	5/16 UNF
Arrow Rest Mounting Thread	5/16 UNF
Rear Weight Mounting Thread	5/16 UNF
Cable Guard Mounting Thread	5/16 UNF
Grip Attachment Screw	M5
Cam Post and Module Screws	M4
Axle Diameter	3/16"

String and Cable Lengths						
	String Length		Power Cable		Control Cable	
	XS	XT	XS	XT	XS	XT
Viper No.1	57" - 57 1/2"	62" - 62 1/2"	34 5/8"	39 5/8"	36 1/2"	41 1/2"
Viper No.2	57" - 57 1/2"	62" - 62 1/2"	34 5/8"	39 5/8"	36 1/2"	41 1/2"
Viper No.3	57" - 57 1/2"	62" - 62 1/2"	34 5/8"	39 5/8"	36 1/2"	41 1/2"
Viper No.4	53" - 53 1/2"	58" - 58 1/2"	34 5/8"	39 5/8"	36 1/2"	41 1/2"
Viper No.5	53" - 53 1/2"	58" - 58 1/2"	34 5/8"	39 5/8"	36 1/2"	41 1/2"
Viper No.6	50 1/4" - 50 3/4"	55 1/4" - 55 3/4"	34 5/8"	39 5/8"	36 1/2"	41 1/2"
Viper No.7	50 1/4" - 50 3/4"	55 1/4" - 55 3/4"	34 5/8"	39 5/8"	36 1/2"	41 1/2"
Viper No.8	48" - 48 1/2"	53" - 53 1/2"	34 5/8"	39 5/8"	36 1/2"	41 1/2"
Alpha No.1	57 1/2"	62 1/2"	34 5/8"	39 5/8"	36 1/2"	41 1/2"
Alpha No.2	57"	62"	34 5/8"	39 5/8"	36 1/2"	41 1/2"
Alpha No.3	53 1/2"	58 1/2"	34 5/8"	39 5/8"	36 1/2"	41 1/2"
Alpha No.4	50 3/4"	55 3/4"	34 5/8"	39 5/8"	36 1/2"	41 1/2"

Draw Length Selection Chart						
	Module	Draw Length			Draw Length	
		XS	XT		XS	XT
Alpha No.1	AL1	29 1/2"	31"	Viper No.1	30 3/4" - 31 1/2"	32 1/2" - 33 1/4"
	AL2	28 3/4"	30 1/4"	Viper No.2	29 3/4" - 30 1/2"	31 1/2" - 32 1/4"
	AL3	28"	29 1/2"	Viper No.3	28 3/4" - 29 1/2"	30 1/2" - 31 1/4"
Alpha No.2	BL1	28 1/4"	29 3/4"	Viper No.4	27 3/4" - 28 1/2"	29 1/2" - 30 1/4"
	BL2	27 1/2"	29"	Viper No.5	26 3/4" - 27 1/2"	28 1/2" - 29 1/4"
	BL3	27"	28 1/2"	Viper No.6	25 3/4" - 26 1/2"	27 1/2" - 28 1/4"
Alpha No.3	CL1	27"	28 1/2"	Viper No.7	24 3/4" - 25 1/2"	26 1/2" - 27 1/4"
	CL2	26 1/2"	28"	Viper No.8	24" - 24 1/2"	25 3/4" - 26 1/4"
	CL3	25 3/4"	27 1/4"			
Alpha No.4	DL1	25 1/2"	27"	Viper Cam draw length changes are achieved by adjusting the rotation of the cam via the strings and cables.		
	DL2	25"	26 1/2"			
	DL3	24 1/2"	26"			

Additional notes: Brace heights may vary depending on cam size, type and rotation. It is more important to use the axle to axle measurement as a point of reference, rather than brace height. Bows are supplied with a 10# adjustment window, though the actual adjustment range may be greater. E.g. a 50-60# bow may adjust through 15# and not 10#. IBO is the industry standard for measuring arrows speed. (350 grain arrow, 70#, 30"). Limb weight remains the same when changing cam sizes of the same model. Alpha Cams gain approx 8lbs of bow weight over Viper Cams when using the same limb.