

ADJUSTABLE WEIGHT CHART

Proper spine selection is the key to optimum arrow flight. With today's modern compounds, there are many variables that affect how an arrow reacts when it is thrust from the bow. The bow's cam, bow speed, arrow length and many other conditions affect performance during flight. Given the number of variables that require consideration, Carbon Express® requires that for compound bows, you begin by using the company's adjusted bow draw weight chart to calculate a final pound number for your bow. For recurve long bows, go directly to the selection charts.

⚠ WARNING: FOR COMPOUND BOW USE: It is CRITICAL that you determine your proper adjusted bow draw weight before selecting arrow shafts. Selecting the wrong shaft could result in damage to the shaft and/or serious injury. To avoid serious injury and learn about safe hunting techniques, users must read the instructions and watch the videos at www.safearrow.com prior to shooting any arrow.

			Bow Draw Weight 59.9 lbs. or under	Bow Draw Weight 60 lbs. or over	Calculated Draw Weight	
ADJUSTABLE WEIGHT CHART						
1	Measured Draw Peak Weight		_____	_____	=	
2	Round Wheel		0	0		
	Single Cam and No Cam		+5	+7		
	High-Energy Cam		+6	+8	=	
3	65%–80% Let-Off		-4	-5		
	50% Let-Off		0	0		
4	Glue-In Target Points 60-79 grains		-9	-9		
	Glue-In Target Points 80-99 grains		-7	-7		
	Glue-In Target Points 100 grains		-6	-6		
	Glue-In Target Points 110-120 grains		-5	-5		
	Glue-In Target Points 145 grains		-4	-4		
	Insert & 70-79 grains Screw-In Point		-9	-9		
	Insert & 80-99 grains Screw-In Point		-8	-8		
	Insert & 100 grains Screw-In Point		-7	-7		
	Insert & 125 grains Screw-In Point		-6	-6		
	Insert & 145 grains Screw-In Point		-5	-5	=	
5	Arrow Length 25.9" or less		-2	-2		
	Arrow Length 26" to 27.9"		+1	+1		
	Arrow Length 28"		+2	+3	=	
6	Finger Release		+3	+6	=	
7	If the bow's speed rating exceeds:	AMO	IBO			
		240 FPS	300 FPS	+2	+3	
		245 FPS	306 FPS	+3	+4	
		250 FPS	313 FPS	+4	+5	
		255 FPS	319 FPS	+7	+8	
		260 FPS	325 FPS	+9	+10	
		270 FPS	335 FPS	+11	+12	
		280 FPS	345 FPS	+13	+14	
		290 FPS	360 FPS	+15	+16	=

Adjusted Bow Draw Weight =