BOW DRAW WEIGHT

Adjusted Weight Chart

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

It is CRITICAL that you determine your proper adjusted bow draw weight before selecting hunting arrow shafts.

			Bow Draw Weight 59.9 lbs. or Under	Bow Draw Weight 60 lbs. or Over	Calculated Draw Weight
1. Measured Draw Peak Weight			----------	---------	= _____
2. Round Wheel			0	0	
Modified Cam			+5	+7	
High-Energy Cam			+6	+8	= _____
3. 65% - 80% Let-Off			-4	-5	
50% Let-Off			0	0	
Recurve			-4	-7	
Longbow			-10	-15	= _____
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 grain Screw-In Point			-9	-9	
Insert & 80-99 grain Screw-In Point			-8	-8	
Insert & 100 grain Screw-In Point			-7	-7	
Insert & 125 grain Screw-In Point			-6	-6	
Insert & 145 grain 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 = _____