



Un factor muy importante en la caza con arco es la energía cinética de la flecha, ya que con ésta sabemos que somos capaces de cazar. Para saber la energía cinética de tu arco es necesario conocer el peso total de tu flecha y la velocidad de la flecha cuando la disparas. La ecuación con la que se obtiene la energía cinética de tu flecha, es la siguiente:

$$\text{Peso (grains)} \times \text{Velocidad (fps)} \times \text{Velocidad (fps)}$$

450,240

Velocidad de la flecha (fps)

	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300
300	14.99	16.01	17.06	18.14	19.26	20.41	21.59	22.80	24.05	25.34	26.65	28.00	29.38	30.80	32.25	33.73	35.25	36.80	38.38	40.00	41.64	43.33	45.04	46.79	48.57	50.39	52.24	54.12	56.04	57.99	59.97
325	16.24	17.34	18.48	19.65	20.86	22.11	23.39	24.70	26.06	27.45	28.87	30.34	31.83	33.37	34.94	36.54	38.19	39.86	41.58	43.33	45.11	46.94	48.80	50.69	52.62	54.59	56.59	58.63	60.71	62.82	64.97
350	17.49	18.68	19.90	21.16	22.47	23.81	25.19	26.61	28.06	29.56	31.09	32.67	34.28	35.93	37.62	39.35	41.12	42.93	44.78	46.66	48.59	50.55	52.55	54.59	56.67	58.79	60.95	63.14	65.38	67.65	69.96
375	18.74	20.01	21.32	22.68	24.07	25.51	26.99	28.51	30.07	31.67	33.32	35.00	36.73	38.50	40.31	42.17	44.06	46.00	47.97	49.99	52.06	54.16	56.30	58.49	60.72	62.99	65.30	67.65	70.05	72.48	74.96
400	19.99	21.34	22.74	24.19	25.68	27.21	28.78	30.41	32.07	33.78	35.54	37.34	39.18	41.07	43.00	44.98	47.00	49.06	51.17	53.33	55.53	57.77	60.06	62.39	64.77	67.19	69.65	72.16	74.72	77.31	79.96
425	21.24	22.68	24.16	25.70	27.28	28.91	30.58	32.31	34.08	35.89	37.76	39.67	41.63	43.63	45.69	47.79	49.93	52.13	54.37	56.66	59.00	61.38	63.81	66.29	68.81	71.39	74.00	76.67	79.39	82.15	84.95
450	22.49	24.01	25.59	27.21	28.88	30.61	32.38	34.21	36.08	38.00	39.98	42.00	44.08	46.20	48.37	50.60	52.87	55.20	57.57	59.99	62.47	64.99	67.56	70.19	72.86	75.58	78.36	81.18	84.06	86.98	89.95
475	23.74	25.35	27.01	28.72	30.49	32.31	34.18	36.11	38.09	40.12	42.20	44.34	46.53	48.77	51.06	53.41	55.81	58.26	60.77	63.33	65.94	68.60	71.32	74.09	76.91	79.78	82.71	85.69	88.72	91.81	94.95
500	24.99	26.68	28.43	30.23	32.09	34.01	35.98	38.01	40.09	42.23	44.42	46.67	48.97	51.33	53.75	56.22	58.75	61.33	63.97	66.66	69.41	72.21	75.07	77.99	80.96	83.98	87.06	90.20	93.39	96.64	99.95
525	26.24	28.01	29.85	31.75	33.70	35.71	37.78	39.91	42.09	44.34	46.64	49.00	51.42	53.90	56.44	59.03	61.68	64.39	67.16	69.99	72.88	75.82	78.82	81.89	85.00	88.18	91.42	94.71	98.06	101.48	104.94
550	27.49	29.35	31.27	33.26	35.30	37.41	39.58	41.81	44.10	46.45	48.86	51.34	53.87	56.47	59.12	61.84	64.62	67.46	70.36	73.32	76.35	79.43	82.58	85.78	89.05	92.38	95.77	99.22	102.73	106.31	109.94
575	28.73	30.68	32.69	34.77	36.91	39.11	41.38	43.71	46.10	48.56	51.08	53.67	56.32	59.03	61.81	64.65	67.56	70.53	73.56	76.66	79.82	83.04	86.33	89.68	93.10	96.58	100.12	103.73	107.40	111.14	114.94
600	29.98	32.02	34.12	36.28	38.51	40.81	43.18	45.61	48.11	50.67	53.30	56.00	58.77	61.60	64.50	67.46	70.50	73.59	76.76	79.99	83.29	86.65	90.09	93.58	97.15	100.78	104.48	108.24	112.07	115.97	119.94
625	31.23	33.35	35.54	37.79	40.12	42.51	44.98	47.51	50.11	52.78	55.53	58.34	61.22	64.17	67.19	70.28	73.43	76.66	79.96	83.32	86.76	90.26	93.84	97.48	101.20	104.98	108.83	112.75	116.74	120.80	124.93
650	32.48	34.68	36.96	39.30	41.72	44.21	46.78	49.41	52.12	54.90	57.75	60.67	63.67	66.73	69.87	73.09	76.37	79.73	83.16	86.66	90.23	93.87	97.59	101.38	105.24	109.18	113.18	117.26	121.41	125.64	129.93
675	33.73	36.02	38.38	40.82	43.33	45.91	48.57	51.31	54.12	57.01	59.97	63.00	66.11	69.30	72.56	75.90	79.31	82.79	86.35	89.99	93.70	97.49	101.35	105.28	109.29	113.38	117.54	121.77	126.08	130.47	134.93
700	34.98	37.35	39.80	42.33	44.93	47.61	50.37	53.21	56.13	59.12	62.19	65.34	68.56	71.87	75.25	78.71	82.25	85.86	89.55	93.32	97.17	101.10	105.10	109.18	113.34	117.58	121.89	126.28	130.75	135.30	139.93
725	36.23	38.69	41.22	43.84	46.54	49.31	52.17	55.11	58.13	61.23	64.41	67.67	71.01	74.43	77.94	81.52	85.18	88.93	92.75	96.66	100.64	104.71	108.85	113.08	117.39	121.78	126.24	130.79	135.42	140.13	144.92
750	37.48	40.02	42.64	45.35	48.14	51.01	53.97	57.01	60.13	63.34	66.63	70.00	73.46	77.00	80.62	84.33	88.12	91.99	95.95	99.99	104.11	108.32	112.61	116.98	121.44	125.97	130.60	135.30	140.09	144.96	149.92
775	38.73	41.35	44.07	46.86	49.75	52.71	55.77	58.91	62.14	65.45	68.85	72.34	75.91	79.57	83.31	87.14	91.06	95.06	99.15	103.32	107.58	111.93	116.36	120.88	125.48	130.17	134.95	139.81	144.76	149.80	154.92
800	39.98	42.69	45.49	48.37	51.35	54.42	57.57	60.81	64.14	67.56	71.07	74.67	78.36	82.13	86.00	89.95	93.99	98.13	102.35	106.65	111.05	115.54	120.11	124.78	129.53	134.37	139.30	144.32	149.43	154.63	159.91

- < 25 ft. lbs. → Presas Pequeñas (aves, conejos, etc.)
- 25-41 ft. lbs. → Presas Medianas (venado cola blanca, antilope, coyote, etc.)
- 42-65 ft. lbs. → Presas Grandes (elk, oso, marrano salvaje, venado bura, etc.)
- > 65 ft. lbs. → Presas Más Dificiles (búfalo, grizzly, bisonte, moose, etc.)