

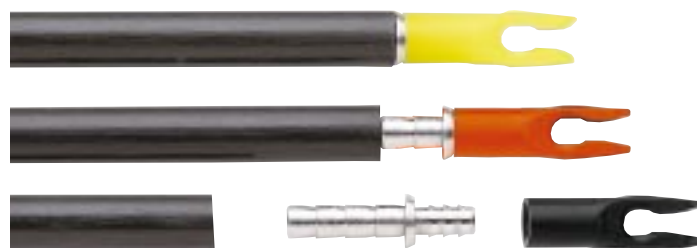
carbon arrow accessories



THE GAME TRACKER

Pultruded Arrows In-Line™ Nock System

TOTAL SYSTEM WEIGHT: 13 GRAINS



Game Tracker's In-Line Nock System Revolutionizes Pultruded Carbon Arrow Flight Tuning

In-Line Nocks snap onto the Adapter pin and do not require glue. The Nocks can be turned for micro-adjustment.

In-Line Adapters are available in all Game Tracker pultruded shaft sizes. Shaft type and size must be specified when ordering. One nock size fits all shaft sizes.

In-Line Nock Adapters and Nocks are a smaller diameter than the shafts they fit to eliminate the possibility of collision between nock and rest.

In-Line Adapters fit inside the shaft for precise alignment. The Adapter collar adheres to the end of the shaft to contain carbon fibers.

Slow setting, two-part, epoxy must be used when installing In-Line Nock Adapters In-Line Nocks are available in Black, White, Yellow and Blaze.

Wide Array of Game Tracker Carbon Arrow Shafts

Carbon Express

V-Max

Carbon Express 3D-Select

Carbon SideWinder



Carbon Arrow Archery Epoxy

Designed by 3M® especially for Game Tracker's Carbon Arrows.

Slow-setting, two-part epoxy creates an adhesive bond between point adapters and carbon shafts.

Bond between shaft and components will withstand normal impacts and will not crystallize with age.



Grain Weight Adjustment Tubes

Game Tracker's Grain Weight Adjustment Tubes increase the kinetic energy of Carbon Express shafts by increasing their weight without increasing the spine.

Red Tube – 2 grains

Yellow Tube – 3 grains

Vanes and Feathers

Norway Durovanes

3 - 3" Vanes – 19 grains

3 - 4" Vanes – 23.5 grains

3 - 5" Vanes – 34.0 grains

True Flight Feathers

3 - 3" Feathers – 4.8 grains

3 - 4" Feathers – 6.9 grains

3 - 5" Feathers – 9.6 grains

Pultruded Carbon V-Max

Pultruded Point Adapter

Aluminum-Black or Camo*. 1½" length. Standard AMO threads. Fits ⅝" over shaft.



Shaft Size	Grain Weight	Diameter
2200	28	⅝"
2300	28	⅝"
2400	41	⅝"
2540	37	⅝"

*Camo Point Adapters fit Carbon Advantage® Shafts only.

Pultruded 3-D Tunable Point Systems

Two-piece system. Weight adjustable up to 30 grains. Pin sections weigh five grains each. Fits ⅝" over shaft.



Shaft Size	Grain Weight
2200	130-100
2300	130-100
2400	140-110
2540	140-110

Cross-Weave Carbon

Carbon Express 3-D Select – Carbon Express – Carbon SideWinder

Carbon Express Knurled Inserts



Knurled to increase the surface area for better adhesion to carbon shaft wall.

One size fits all Carbon Express shaft sizes. Press-fit for perfect alignment.

Weight: 12 grains

For Use With Game Tracker's Wrapped Shafts Only

Carbon Express Glue-In Pig Points



Weight adjusts from 100 to 60 grains. Pin sections weigh 10 grains each.

Oversized head designed for easy removal from foam targets.

Carbon Express Screw-In Pig Points

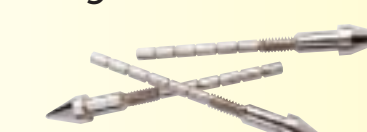


Weight adjusts from 125 to 95 grains. Pin sections weigh five grains each.

Oversized head designed for easy removal from foam targets.

For Use With Game Tracker's Wrapped Shaft Inserts Only

Carbon Express Target Points



Two sizes available. Weight adjusts from 145 - 115 grains or 100 - 70 grains. Pin sections weigh five grains each.

Carbon Express Slim-Line Nocks

Press-fit design, polycarbonate nock. Available in White, Rose, Lime and Orange.

Shaft Size	Grain Weight
50/100	8.0
60/200	8.0
70/300	8.0
80/400	8.0

NEW

shaft selection guides



Cross-Weave Carbon

Carbon Express – Carbon Express 3D – Carbon Sidewinder

ADJUSTED BOW DRAW WEIGHT IN LBS.

GAME TRACKER	25"	26"	27"	28"	29"	30"	31"	32"	33"
30-35 lbs.	100/50	100/50	100/50	100/50	100/50	100/50	200/60	200/60	200/60
36-39 lbs.	100/50	100/50	100/50	100/50	100/50	200/60	200/60	200/60	200/60
40-45 lbs.	100/50	100/50	100/50	100/50	200/60	200/60	200/60	200/60	300/70
46-51 lbs.	100/50	100/50	100/50	200/60	200/60	200/60	200/60	300/70	300/70
52-57 lbs.	100/50	200/60	200/60	200/60	200/60	200/60	300/70	300/70	300/70
58-63 lbs.	200/60	200/60	200/60	200/60	200/60	300/70	300/70	300/70	400/80
64-69 lbs.	200/60	200/60	200/60	300/70	300/70	300/70	300/70	400/80	400/80
70-75 lbs.	200/60	200/60	300/70	300/70	300/70	300/70	400/80	400/80	400/80
76-81 lbs.	300/70	300/70	300/70	300/70	300/70	400/80	400/80	400/80	400/80
82-87 lbs.	300/70	300/70	300/70	400/80	400/80	400/80	400/80	400/80	400/80
88-93 lbs.	300/70	300/70	400/80	400/80	400/80	400/80	400/80	400/80	400/80

Pultruded Carbon

V-Max

ADJUSTED BOW DRAW WEIGHT IN LBS.

GAME TRACKER	26"	27"	28"	29"	30"	31"	32"	33"
40-45 lbs.	2200	2200	2200	2200	2200	2300	2300	2300
46-51 lbs.	2200	2200	2200	2200	2300	2300	2300	2400
52-57 lbs.	2200	2200	2200	2300	2300	2300	2400	2400
58-63 lbs.	2200	2200	2300	2300	2300	2400	2400	2400
64-69 lbs.	2200	2300	2300	2300	2400	2400	2400	2540
70-75 lbs.	2300	2300	2300	2400	2400	2400	2540	2540
76-81 lbs.	2300	2300	2400	2400	2400	2540	2540	2540
82-87 lbs.	2300	2400	2400	2400	2540	2540	2540	2540
88-93 lbs.	2400	2400	2400	2540	2540	2540	2540	2540

The Shaft Selection Guides were developed based upon the performance characteristics of a compound bow with 50% to 65% draw weight let-off, round wheels, Fast Flite string, and steel cables.

If your bow varies from this standard, it is necessary to adjust the draw weight used in the Shaft Selection Chart.

Your adjusted bow draw weight can be determined by using the table on the right.

WE RECOMMEND YOU SELECT THE LARGER SHAFT SIZE IF THE CHART INDICATES YOU ARE IN BETWEEN SIZES.

Note: Due to the equipment and accessory variations, other shaft sizes than the ones shown may be needed. Experimentation of shaft spine may be required to fit certain situations.

Adjusted Bow Draw Weight

STEP		Under 59.9 lbs	Over 60 lbs	Calculated
		BOW DRAW WEIGHT		
1.	Measured Peak Draw Weight	—	—	=
2.	High-Energy Cam	+6	+8	
	Round Wheel	0	0	
	Modified Cam	+5	+7	
3.	65%-80% Let-off	-4	-5	
	50% Let-off	0	0	
	35% Let-off	+4	+5	
	Recurve	+6	+8	
4.	Glue-On Points 60-79 grain	-10	-12	
	Glue-On Points 80-100 grain	-8	-10	
	Point Adapter & 85-90 grain point	-6	-8	
	Point Adapter & 100-115 grain point	-2	-4	
	Point Adapter & 125-150 grain point	0	0	
5.	Glue-On Points 70-79 grain	-10	-12	
	Glue-On Points 80-99 grain	-8	-10	
	Glue-On Points 100-125 grain point	-6	-8	
	Insert & 70-79 grain point	-8	-10	
	Insert & 80-99 grain point	-7	-9	
6.	Insert & 100-124 grain point	-6	-8	=
	Insert & 125-145 grain point	-4	-6	
	Arrow Length 25.9" or less	-2	-4	
7.	Arrow Length 26" or more	+2	+4	=
	Fast Flite String	+2	+5	
8.	Dacron String	-3	-5	=
	Finger Release	+1	+2	
9.	Release Aid	-3	-5	=
	240 FPS	+3	+3	
	245 FPS	+4	+4	
	250 FPS	+5	+5	
	255 FPS	+8	+8	
260 FPS	+11	+11	=	

Adjusted Bow Draw Weight =



	25"	26"	27"	28"	29"	30"	31"	32"	33"
50/100	155.0	161.2	167.4	173.6	179.8	186.0	192.2	198.4	204.6
6.2 GPI									
60/200	175.0	182.0	189.0	196.0	203.0	210.0	217.0	224.0	231.0
7.0 GPI									
70/300	200.0	208.0	216.0	224.0	232.0	240.0	248.0	256.0	264.0
8.0 GPI									
80/400	215.0	223.6	232.2	240.8	249.4	258.0	266.6	275.2	283.8
8.6 GPI									

**CARBON EXPRESS™
CARBON EXPRESS™ 3D
CARBON SIDEWINDER**

Arrow Shaft Weight (Grains per inch x Shaft length)

Cross-Weave Carbon

INSTALLING CARBON EXPRESS INSERTS

Using a .270 caliber gun bore brush, scuff up the inside of the shaft where the insert will be installed. Using a cotton swab and 91% Isopropyl alcohol, clean the inside of the shaft and the insert. Apply a generous amount of epoxy* to the shank of the insert. Push the insert partially into the shaft and then pull partially out while rotating to evenly spread the adhesive. Push the insert back into the shaft until firmly seated. The final 1/8" of the shank is designed to press fit inside the shaft to ensure proper alignment.

INSTALLING SLIM-LINE NOCKS

Using the Nock Tuning Wrench provided, firmly press the Express Slim-Line Nock into the Express shaft by applying pressure to the nock valley base only. Do not put direct pressure on the nock tabs - direct pressure on the nock tabs may cause the nock to deform. Once seated flush against the shaft, the nock can be turned for precision tuning using the Nock Tuning Wrench. Express Slim-Line Nocks do not have to be glued to the shaft.

WARNING: Always inspect each nock as well as the entire arrow shaft before each shot for signs of damage. Shooting damaged nocks or arrows can cause severe injury to the archer and/or nearby spectators.

For technical assistance on any carbon arrow, or dealer orders, call 800-241-4833

Pultruded Carbon

SHAFT PREPERATION

Slightly bevel the end of the shaft so fibers will not catch on the point or point adapter. Sand the outside of the shaft approximately 3/8" down from the end until the shaft loses its sheen.

INSTALLING POINTS AND POINT ADAPTERS

Apply a generous amount of epoxy* to the end of the arrow. Push the slip-over point or point adapter on the shaft and then pull partially off while rotating to evenly spread the adhesive. Push the point or point adapter all the way back on to the shaft.

*Game Tracker's Archery Epoxy (Model M1035) should be used for maximum adhesive strength when installing carbon arrow points, point adapters and inserts. **DO NOT USE A QUICK SETTING EPOXY!**

See Reverse For A Complete Selection of carbon arrow components

	26"	27"	28"	29"	30"	31"	32"	33"
2200	226.2	234.9	243.6	252.3	261.0	269.7	278.4	287.1
8.7 GPI								
2300	247.0	256.5	266.0	275.5	285.0	294.5	304.5	313.5
9.5 GPI								
2400	270.4	280.8	291.2	301.6	312.0	322.4	332.8	343.2
10.4 GPI								
2540	301.6	313.2	324.8	336.4	348.0	359.6	371.2	382.8
11.6 GPI								

V-MAX®

Arrow Shaft Weight (Grains per inch x Shaft length)

weight station