



Built from the inside, out.

We use a proprietary hollow core internal molding technology to create our PIVOT carbon frames. This technology is extraordinary and sets the bar well above everything else that's out there. Other high-end brands utilize previous generation molding techniques, but we've taken the technology to the next level of development to produce a frame that is unmatched in nearly every conceivable category.



Traditional Methods

Other frames require hours of work after they come out of the molds filling the voids and imperfections with epoxy filler which not only adds weight but can also compromise strength and stiffness in critical areas. Our hollow core internal molding technology produces a much lighter and stiffer frame because there is less material required to fill imperfections. This also produces a better ride because an ultra-precise carbon layup can be optimized and tuned to provide the perfect feel without needing to worry about adding extra material.



Pressure and Control

PIVOT's hollow core internal molding process goes well beyond this by using hard internal forms for both lay-up and molding that eliminate the possibility of inconsistent pressures, providing the highest levels of compaction and extremely precise control over the entire structure.

Tapered 1.5" Headtube

Wider head tube allows us to take full advantage of oversized tubes to create amazing stiffness to weight ratios while keeping the ride quality at what you expect from a PIVOT.

Oversized Bearings

Oversized bearings all around and double row Enduro Max bearings in the dw-link.

Direct Mount Front Derailleur

Stiffer, lighter and more precise. Allows for ease of set up and perfect front shifting.

Direct Mount Rear Brake Posts

160mm bosses mount calipers directly to rear triangle resulting in higher levels of stiffness and lower overall system weight.

142 X 12mm Through Axle Design

Forged 7075-T6 derailleur hanger and integrated axle nut adds even more stiffness to the carbon rear triangle.

Press Fit 92 Bottom Bracket

PF92 bottom bracket 92mm shell allows for wider pivots and better bearing support for increased frame strength and stiffness while maintaining better control over the chain-line. The PF92 design also means that our carbon frames are 100% molded carbon with no threaded metal bottom bracket inserts required.

Rubberized Leather Protection

Rubberized leather chainstay, inner seat stay, and down tube protectors for a quiet ride and higher impact resistance.

