

White Paper Epic Hybrids

This is the first Callaway Hybrid to employ the a triaxial carbon composite crown technology, the same crown material used to help fuel the ground-breaking performance of the GBB Epic Drivers and Fairway Woods.

Here's the key tech:

First Triaxial Carbon Crown in a Hybrid

Triaxial carbon is 65% lighter than titanium, creating a crown that weighs an astonishing 5 grams. That creates a tremendous amount of discretionary weight that's been redirected into our advanced Internal Standing Wave (ISW) technology. The key ISW component is a 35-gram weight consisting of MIM'ed tungsten.

Tungsten's heavy weight (1.8 x heavier than steel) allows us to concentrate the weight into a smaller space. The MIM process allows us to shape the weight into the precise form necessary to better optimise CG location to promote the coveted high-launch / low-spin combination that promotes maximum distance.

Highest Performing Hybrid Clubface

Epic Hybrids also employ the highest performing clubface we've ever installed in a hybrid. Forged of 455 steel, it's ultra-thin and ultra-fast, pushing the COR measurement right up to the USGA limit for speed. Face performance is further enhanced by a new generation of our Hyper Speed Face Cup technology, with a thinner rim and more flexible hinge that promotes faster ball speed across the face, including mishits. That helps player's net more average distance from one swing to the next.

Robust Frame Maximises MOI

The clubhead's frame consists of high-grade steel that provides a robust structure for the crown and face while concentrating weight in key areas of the perimeter to maximise MOI and forgiveness. The low friction sole with dual raised rails is designed to glide smoothly across turf and through rough to promote solid contact from a multitude of lies.

Precision-Milled Parts / Robotic Welding

The face and frame are precision-milled; each clubhead component is honed to the tightest tolerance we've ever achieved; and every part is robotically laser welded for exact fit and maximum integrity. That's critical to allowing each key performance technology to perform at the highest level, allowing Epic Hybrids to deliver our finest combination of distance, control, easy launch, forgiveness and versatility.