



The AccuLock ACE Putter

Concept

The design of the BioMech AccuLock ACE putter's optimizes the form and function of the golfer's body and putting motion. Employing pertinent biological and physical scientific principles combined with years of research, development, and testing, the putter sets the golfer in a natural, athletic, balanced position. The AccuLock ACE simplifies target alignment and produces a precise and accurate core-powered putting stroke (rather than relying on the inconsistent movements of the hands, wrists, and arms), which produces a measurably superior, straight putting stroke.

Creator

Created by scientists trained in the biological and physical sciences, BioMech Golf designs, develops, manufactures, and distributes innovative equipment for golf and other sports. All BioMech products complement the form and functions of the human body, thus minimizing stress and strain while maximizing the desired results.

Dr. Frank A. Fornari, CEO and founder of BioMech, has more than 30 years of experience in physiology, mathematical motion analyses, biophysics, academic research, teaching, and biotechnology. Dr. Gwen B. Bauer, Executive Vice President, and Lavonne Davis, President, Chief Design Engineer, and USTA tennis professional, also bring extensive knowledge of biology, physics, and motion to the design and manufacture of sports equipment that optimizes the physiology and biophysics of the human body.

PGA Tour and Teaching Professionals

Heath Slocum, PGA Tour Professional. A four-time winner on the PGA Tour and three-time winner on the Web.com tour since turning pro in 1996, Slocum has been using the AccuLock ACE putter since the beginning of 2015, while offering the company advice on design improvements and tour player engagement.

Jake Reeves, PGA Teaching Professional and Director of Instructional Programs. A PGA Class A Member, Reeves has worked with thousands of golfers, helping to improve their games and golf experiences. He works with BioMech to bring the AccuLock ACE putter to a wide range of golfers and create instructional materials and programs.

Rusty Estes, PGA Tour Rep. With more than 15 years representing top equipment companies on the PGA Tour, Estes is introducing the AccuLock ACE putter to the world's top golfers. Versions of the putter have been made for and put in play by more than 25 Tour players, some of whom are using it as a training aid, improving their existing putting strokes.

APDA Partnership

BioMech is partnering with American Parkinson Disease Association (APDA) to reengage golfers and enhance the joy of the game to players impacted by Parkinson's. Inspired by the benefits of the AccuLock ACE putter for people with Parkinson's disease, BioMech will donate \$5 from the sale of every ACE putter in 2016 to APDA.

Products

The AccuLock ACE putter is the first product offered by BioMech. It is manufactured and assembled in the United States.

The putter conforms to current USGA Rules and remained compliant after January 1, 2016, when Rule 14-1B went into effect banning “contact-point putters.” Under the new Rule, a club may be in contact with the forearm during the stroke, which is how the AccuLock ACE putter is meant to be positioned.

- **Head:** The head is milled from the aerospace-grade aluminum, hard-anodized, and laser etched. It is presently available either in serene blue or black. Each putter head weighs 362 grams.
- **Shaft:** The shaft has a forward lean angle of 12.5 degrees, positioning the handle in comfortable contact with the leading forearm and placing the shoulders at the appropriate angle to permit optimal rotation throughout the putting motion. A 13-degree lie angle and innovative optical alignment system position the golfer directly above the ball and standing much more upright than with traditional putters, which have lie angles of 18 to 25 degrees. The combination of attributes results in a much straighter stroke through the impact zone, keeps the clubface square throughout the stroke, and significantly reduces lower back strain and extraneous off-balance movements typically experienced with traditional arc putting.
- **Alignment:** The shaft is attached to the back of the putter head, allowing the golfer to see the entire putter face (compared to most traditional putters, which have a portion of the face occluded by the shaft). This significantly aids alignment.
- **Putter Face:** The face has 2 degrees of loft.
- **Optical Alignment System:** The putter head features three built-in alignment aids: a golf-ball-sized hole in its middle and a concavity featuring two laser-etched markings. When the two etched lines form a capital “T,” the golfer’s dominant eye is located directly above the center of the hole of the putter and the golfer’s head, body, and the golf ball are in the same position on every putt. The loft of the putter face has been determined based on this precise alignment to strike the ball with a nearly identical upstroke every time. Such an upstroke creates the optimal amount of overspin while eliminating and skidding or side-to-side ball rotation. The ball rolls along one plane and without ever lifting off the putting surface.
- **Stance:** The proper stance—created by the length and lie angle of the putter’s shaft—sets the golfer in a comfortable, upright, balanced, natural athletic position. The putter head is flat on the ground, the top of the grip rests against the inside of the front forearm, the shoulders are tilted at a roughly 12-degree angle (front shoulder higher than back), and the body is slightly open, which allows the golfer to comfortably and efficiently look down the target line with the ball positioned near the toe of the trailing foot in line with the center of the golfer’s upper body.
- **Stroke:** Using the golfer’s core mass (torso), the stroke is a well-balanced rotation with the appropriate amount of weight shift. Controlling and powering the stroke with the body’s core minimizes extraneous movements of the hands, wrists, and forearms.

Availability

The AccuLock ACE putter is presently available in five lengths, to correspond to the golfer's height:

SHAFT LENGTH	USER HEIGHT
37" Shaft (94 cm)	5'0"-5'4" (152 cm - 163 cm)
39" Shaft (99 cm)	5'5"-5'8" (164 cm - 173 cm)
41" Shaft (104 cm)	5'9"-6'0" (174 cm - 183 cm)
43" Shaft (109 cm)	6'1"-6'4" (184 cm - 193 cm)
45" Shaft (114 cm)	6'5"+ (194 cm +)
47" Shaft (119 cm)**	Custom Length Uncut + Grip

Web Site

BioMechSports.com

To Order

Price: \$279.99

The ACE is available at biomechsports.com and through green-grass retailers for a retail price of \$279.99.