

Press release, March 8, 2021

maxon is cheering for Emirates Team NZ

Three times winner and current defender, Emirates Team New Zealand might just be the team to beat to win the 36th America's Cup. maxon is proud to be an official supplier.

Will Emirates Team New Zealand emerge winner of the 36th America's Cup, an event that is the pinnacle of sailing, the oldest trophy in international sport and the reason for which all teams have been pouring their hearts and souls into training for the last 3 years? The America's Cup World Series (ACWS) in December and Prada Cup in January-February were the first time that the AC75 class yachts had been sailed in competition anywhere, including by the competitors themselves. The boat's capabilities were on full display demonstrating how hard each team has pushed the frontiers of technology, design and innovation.

Over the course of the ACWS, Emirates Team New Zealand was able to observe their competition including current challenger, Luna Rossa Prada Pirelli. They look strong and were totally dominant in the Prada Cup Final maintaining quiet confidence, but they are up against a sailing team in Emirates Team New Zealand who are knowledgeable, skilled, and very fast.

The Kiwis approach to the America's Cup campaign holds a firm focus on innovation. Back in 2017/2018 when the design process began for the new class of AC75 yachts, the entire concept was proven only through use of a simulator without any prototypes. From what we've seen at the America's Cup World Series, Emirates Team New Zealand won the last race by 0:16 seconds over Luna Rossa Prada Pirelli and, so far, the risk has paid off.

maxon is proud to be an official supplier of Emirates Team New Zealand, supplying drive combinations comprising a DC motor (480 W) and a 42mm gearhead, with EPOS motor control. This type of drive was selected because of its superlative power density and its ability to withstand extreme environments. The America's Cup AC75 Class Rule allows the use of electric motors to operate hydraulic valves, drive clutches, rudders and foils. Teams may also use motors for driving simulator platforms and numerous test jigs.

What cannot be ignored is the global pandemic, still firmly holding the world in its grip. Races have been disrupted with the delay of the America's Cup first match which is now confirmed for March 10. There are two races scheduled for Wednesday, Friday and through the weekend to Monday at least, with Sunday being the earliest date for one team to secure the seven wins needed for victory.

As an Official Supplier to Emirates Team New Zealand, maxon follows the progress of their journey as defending champion in the 36th America's Cup campaign, March 2021.

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The AC75 yacht is designed for flight and aerodynamic manoeuvres – Emirates Team New Zealand are behind the design of these iconic boats.

maxon: The Swiss specialist for precision drive systems

maxon is a developer and manufacturer of brushed and brushless DC motors, as well as gearheads, encoders, controllers, and entire mechatronic systems. maxon drives are used wherever the requirements are particularly high: in NASA's Mars rovers, in surgical power tools, in humanoid robots, and in precision industrial applications, for example. To maintain its leadership in this demanding market, the maxon Group invests a considerable share of its annual revenue in research and development. Worldwide, maxon has more than 3,000 employees at nine production sites and is represented by sales companies in more than 30 countries.