

TSR Wind will present at their stand the world debut of their new KRATOS robot.

KRATOS is a new platform designed to inspect the welding seams of wind turbine towers. This represents a great step forward in tower inspection and maintenance compared with the current methods.

KRATOS robot is equipped with a UT Ultra Sound with NDT technology equipment on board. Is able to inspect up to 50mm per second of weld seam following the lines automatically and can complete a full tower inspection in less than 5 hours. All the information can be checked by experts in real time or downloaded for later inspection.

The NDT ultrasound is a powerful device with Phased Array and TOFD technology.

TSR Wind provides once again a very efficient tool for the wind energy sector. Ensuring tower stability through welding inspection is a key checkpoint on lifespan extension of wind turbines. KRATOS avoids risk from height works, speeds up the process and lowers significantly the cost compared to current welding inspection methods.

You can visit us at our stand 3-E50 where we will exhibit a KRATOS unit for our clients.