

# ASSISTED SYSTEM FOR TORQUE TIGHTENING

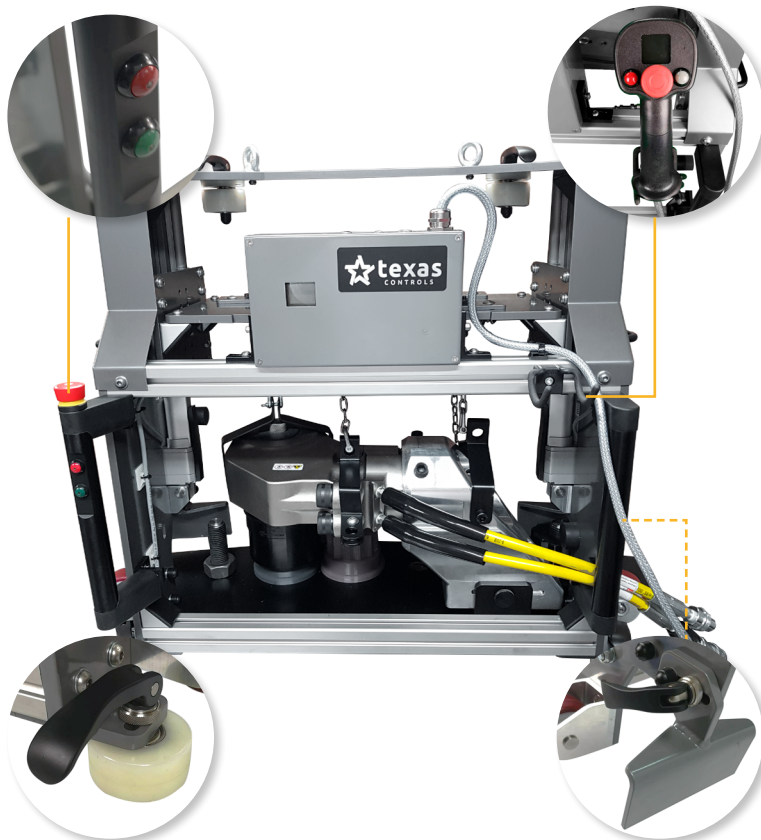
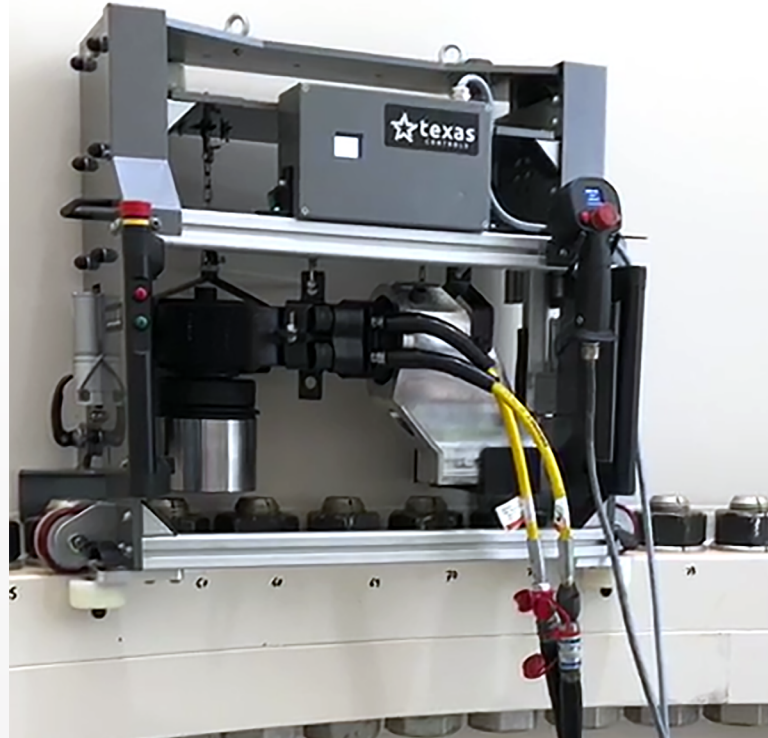


Nowadays, in the wind energy sector, more and more wind turbines are assembled using bolted flanges tightened with large bolts and requiring the use of heavy tools. Each flange has around 100 bolts, so these jobs are very hard for the operator.

In this regard, Texas Controls has created an automatic lifting system designed to aid in the movement of these heavy hydraulic torque wrench along the flange of a wind turbine.

The use of this system means an improvement in the working conditions of the operators, minimizing risks and reducing the tightening times of the flange.

In addition, this system is lightweight, fast & easy to assemble, simple to use, and **works with the BoltPilot® system and the torque and angle method.**



\* Contact Texascontrols for available options

## » KEY FEATURES

- Valid only for flanged connections of the wind turbine tower.
- Assist the operator to raise/lower and move the hydraulic wrench over the flange.
- Specific reaction arms and impact sockets to improve system performance.\*
- Automatic engagement socket-nut mode (in combination with MK31/MK31c).
- Control handle to raise or lower the torque wrench.
- Adjustable anti-fall safety plate
- Torque powerpack handgrip support
- Adjustable guide wheels to fit different flange geometries

» FAST - SAFE - SIMPLE - COST EFFECTIVE **JOB DONE**