

Bolt Tensioning on Cranes



Manufacturing and performing safety maintenance on big cranes demand the tensioning of several big bolts. Hydraulic bolt tensioners are often used to ensure high-quality assembly and good homogeneity. The tensioners can be powered fast and easy, by tapping into the crane system hydraulics, boosting the 160 bar, with a miniBOOSTER, to achieve up to 1,500 bar, which is necessary for tensioning the big bolts. Compared to an air-driven Power Pack, this solution is up to 5 times faster.

The high pressure can be adjusted in a precise way from the low-pressure side, to ensure a high tightening level and uniformity of the applied tightening load.

With a miniBOOSTER mounted on the crane, there is no need to spend time looking for the Power Pack. It is ready any time; no need for electricity, compressed air or maintenance.

