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KOMATSU AXLE APPLICATION



For this application, two PT72-2000 tools fitted with annular transducers are arranged as a twin spindle for front and rear Komatsu axles. Torque range is from 882 N.m to 1715 N.m dependent upon the tractor model.



Tool controller is a BT2004 by CE Electronics. The tool operator only has to scan a bar code on his work order to select the correct torque for the model of tractor. Torque values are recorded for each tightening along with time, date, pass or fail. This is printed out and put with the work order. A possible future enhancement is to directly log this information on the network.

The Norbar tools used in this application replaced many tools and fixtures previously used to cover the various tractor models. In addition, they are faster and easier to use than the previous methods and provide superior process traceability through the recording of torque data.