

# Technological progress enables efficient building methods



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**AT WORK**

*“The Total Station builds a complete structure, as it were.”*

*“We are Ballast Nedam’s tool box.”*

As one of the five largest construction companies in the Netherlands, with over four thousand employees, Ballast Nedam has the knowledge and experience to efficiently coordinate large construction projects. From concept to final delivery. ‘Particularly technological progress has determined the high efficiency of the current building methods’, says Dennis Jonkman, project coordinator with Ballast Nedam Bouwmaterieel.

Dennis Jonkman: ‘We place our expertise, products and services at the disposal of various Ballast Nedam subsidiaries. In my position, I am responsible for a number of activities, including the purchasing and rental of all measuring instruments needed for construction projects. Downtime caused by defective equipment is costly – both in terms of time and money. That is why we need to be able to rely for one hundred percent on our equipment.’

Jonkman continues: ‘At the moment, Ballast Nedam is working on the prestigious “FiftyTwoDegrees” in Nijmegen. A sizable building complex that will accommodate an innovative knowledge centre. Because of the unusual bending form of the 86-metre high office building and the short delivery period, we opted for a hybrid construction method, combining metal and concrete. The construction must match seamlessly in order to guarantee optimum stability.’

‘To ensure correct measurements, Ballast Nedam makes use of a highly advanced measuring instrument, the GPT-7002 Total Station by Topcon. This new Windows CE Total Station enables a very fast, efficient and extremely accurate, reflector-less measurement of the complete project. The Total Station builds a complete structure, as it were. In order to meet the deadline, I have to be able to rely on the optimum performance of our measuring instruments. And, fortunately, this has been the case for the full eleven years I have worked with Ballast Nedam’, says Jonkman.

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