

# Using manpower and equipment in a flexible way



TOPCON  
**AT WORK**

*"In all circumstances,  
we have to be flexible."*

*"We can realise more  
projects with  
fewer manhours."*

The young and dynamic company of Metrica B.V. specialises in geodesy and measurements. The five professional land surveyors employed by Metrica B.V. offer a complete package of services, including levelling and measuring. Clients include municipalities, water-management authorities, and infrastructure companies. The extensive clientele also includes construction companies as well as private parties. 'We are a small company. This makes us very flexible. Our strength lies in the fact that we maintain close contact with our customers. The communication lines are short', says ing. Alex Grondman, project manager land surveying with Metrica B.V.

Grondman continues: "Land surveying is a highly specialised technique. It is very important to be reliable and accurate. In addition, our flexible attitude is to our advantage. It becomes apparent in the way we approach projects as well as in the way we carry out the actual measurements. Because we make use of a mobile station, rather than a permanent one, we are able to carry out assignments throughout the Netherlands. This way, we can offer a suitable solution for all working environments. Our land-surveying experts have all necessary knowledge and experience to carry out and monitor local data such as national triangulation base points and the Normal Amsterdam Water Level. Correct measurements are the result of a flexible use of equipment and manpower'.

For its land-surveying and civil-engineering projects, Metrica B.V. makes use of Topcon's GB-500 GPS+ receiver. 'We deliberately chose for Topcon's GPS+ technology. Because of the optimum signal reception of American GPS as well as Russian GLONASS satellites, we are able to measure a great number of points for each project, shortening the run time of projects in general. For example, using the GSM connection between the base station and the Rover, a distance of some ten kilometres can be bridged. This way, we can measure larger surface areas using fewer base stations, thereby minimising the costs. And we let our customers share in the benefits – so it works both ways!'

 **TOPCON**

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