

We simply can no longer do without GPS+ technology



TOPCON
AT WORK

"We are specialised in large-scale irrigation projects."

"Our trenchers never stand still, not even in woody areas."

Cisgasa 2000 is a modern company that is engaged in topographical activities. A team of experienced professionals has built up many years of knowledge and expertise in constructing large-scale sprinkler systems. Jaume Baiges, member of the Board of Directors: "We are capable of carrying out these large-scale projects very efficiently by making use of advanced topographical instruments."

Cisgasa 2000 is presently working on the Rasquera irrigation project in the province of Tarragona. Jaume Baiges: "This project, which has a duration of one year and a half, is very important to us. We are installing a mains with a length of thirty kilometres with branch pipes that cover a total of ninety kilometres. First we measure the exact locations of the main and branch pipe system after which a trencher digs the trenches. This is very precise work, as the pipes must be level over a long and extensive range. This does not only require good control of the entire range during the digging activities, but we must also keep an eye on the level above the normal tide of Alicante, REDNAP, as we are operating in a hilly area."

Jaume Baiges continues: "For these activities our trenchers have been equipped with GPS+ satellite receivers that provide all information required for digging the trenches. Previously we only made use of GPS and we very often had to stop our digging activities in this mainly woody area, because there was no satellite link. Now we are working with five Hiper Pro systems of Topcon. These GPS+ receivers, which we also use as base stations, have almost twice as many channels. Through this they constantly receive sufficient satellite signals, even when there are high obstacles, such as trees. The greatest advantage is that our trenchers can always work on and never stand still, which guarantees the productivity. Additionally, the systems are completely wireless and can be geared to one another, making the field workers very flexible in carrying out their various activities. Thanks to Topcon we are able to carry out this project with such a high efficiency level, as they have borrowed us a trencher with their GPS+ equipment to convince us of this technology. We can no longer do without it."



InlandGEO
Avda. de la Industria, 35
28760 Tres Cantos
Phone: +34.902 103 930

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