

We use the bulldozer non-stop



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"Each day it saves one hour on a job"

In Belgium, Mont Saint-Guibert, between Brussels and Namen an innovative new complex of offices, named Axis-Parc is being built. Before the shiny glass offices form a new centre of innovation and activity here, the first task at hand is to visualize, profile and stabilize the sloping terrain for the coming buildings. All in a days work for the men of Cloet gebr. NV. And one that is moving a lot faster since they installed Topcon's 3D-GPS+ Machine Control on their new Komatsu D61-PX bulldozer.

On a rainy Tuesday afternoon in July surveyor and project manager Dries Schapman is inspecting the project. "In total we are moving 12.000 cubic meters of soil and are bridging a level difference of 10 meters from the higher offices down to here. That is both cut and fill." In the design every next office block is placed on a slightly lower plateau. A nice challenge for Cloet, as they have specialized in soil stabilization as Schapman explains: "By mixing slaked lime with the blubbery ground we greatly increase the carrying capacity and condensation."

"From the first office block we have established a zero point and the next block will be placed 3.5 meters below that one. The 3D-GPS+ Machine Control system is so easy to operate that the machine driver can input all the data from his cabin. After every finished layer the system is raised half a meter and we can continue working. It is very easy. The machinist just inputs that and gets to work. It is all a question of raising or lowering and digging. We do not have to wait for the laser, or stop the bulldozer while we move the laser. Each day that saves us one hour on a project and with a more complex design that can become two to three hours. Also the chance of mistakes is a lot smaller. Therefore we are very satisfied."



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