

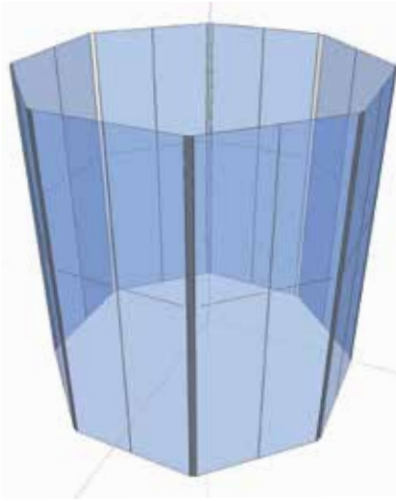
# AWISA THE MAGAZINE

FOR THE CABINET, JOINERY, FURNITURE, TIMBER AND PANEL INDUSTRIES



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# Site measuring made easy with Flexijet 3D



Everyone has experienced the unenviable task of having to site measure a project using traditional methods with a tape measure, laser level and then scribbling the measurements on a note pad. Some of the questions that are always asked during this process are - "How much is the floor out of level?", "Is the wall plumb?", "Is the wall leaning back or forward or does it have a twist?", "How can I reach those angles that are 5 metres off the floor?" And these questions just keep mounting up. And to cap it off, back at the office these measurements have to be drawn as a 3D model - and that's when it's discovered that the location of that waste pipe or those electrical cables has been forgotten.

Flexijet 3D takes the angst out of site measuring and also draws the 3D or 2D CAD model as the user measures. Simply check the drawn model during measuring and verify that all the relevant items have been measured - no more forgotten measurements. Simply export the model and email it directly from site to the office so that work can begin immediately. Flexijet 3D will work seamlessly with software such as Pytha®, Microvellum®, AutoCAD®, PaletteCAD and many others, in fact anything that can import a DXF or DWG file.

This example shows a project where an octagonal steel structure needed to be measured and drawn in CAD for the manufacture of glazed panels and doors. With a height of 7.5m, this would have been a difficult task to accurately measure within the tolerances required. Using traditional measurement methods, the use of scaffolds

or lifts would also be required and after that, how confident would the measurer be in their accuracy?

None of this is necessary with Flexijet 3D. Simply set up Flexijet 3D on the floor and aim the laser at the relevant surfaces and measure away.

Hard to reach places are easily measured as long as you have 'line of sight' with the laser. With an accuracy of 0.9mm for every 10m, Flexijet 3D accomplished this task with ease and in less than 3 hours. All measurements, angles and the complete CAD drawing were completed in this time. With some minimal post processing back at the office, the model was exported to the various DXF files ready for the glass panels to be accurately cut with a water jet cutter.

If all this sounds too easy, ask Flexijet Australia for a demonstration. Flexijet Australia will also encourage purchasers to undertake two days training when purchasing the system and will provide on-going support to enhance their skills.

The German manufactured Flexijet 3D, is a measuring system that has revolutionised site measuring in the joinery industry around the world. With Flexijet 3D, users can not only measure and instantly draw measurements, but its additional in-built functions will make other site tasks more precise, efficient and ultimately save time and money.

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