

# AWISA THE MAGAZINE

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



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# Take site measuring to the next level

Picture this common scenario... that sought-after tender has been won and now the site measure needs to be done. Anxiety has just surged as there are some very complex measurements that need to be taken, many of them difficult to access with a tape measure or handheld laser distance meter. Many hours or even days will be devoted to accurately measure the site, not to mention the templates that will need to be scribed around all those curved and angular surfaces. Even when all

*Every panel fitted perfectly. I could not believe it*

this is done, the measured data still needs to be drawn in CAD software. The consequences of inaccurate site measurements is something that can haunt the user from previous projects. Then the thought strikes... 'there must be a better way'.

As is often the case, advances in technology can provide a remedy to such anxiety and a solution to achieve an accurate and efficient site measure. The German manufactured Flexijet 3D Laser Measuring System is a device that will do just that.

Flexijet 3D site measures and instantly creates a 3D (or 2D) CAD drawing. The drawings created are compatible with most CAD software used in the joinery industry thus providing a seamless workflow from site to CAD software. It is so versatile that it accomplishes site measuring tasks with a speed and accuracy that will astound many. It not only handles mundane

tasks like measuring walls, pipe penetrations, bulkheads, windows and many other elements with ease, but will handle the most demanding measuring assignments.

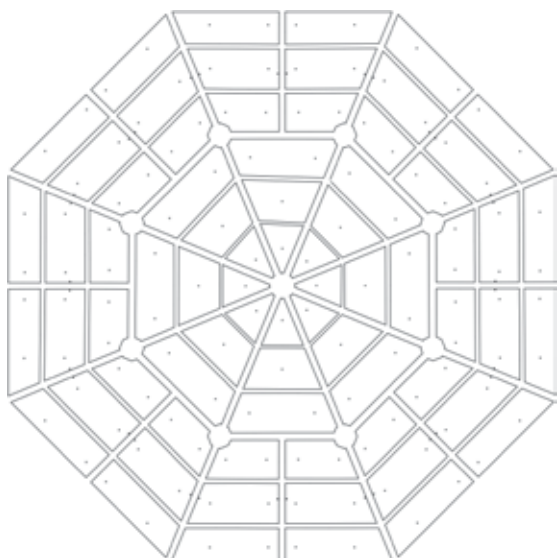
In the following example, Flexijet highlights a significant project undertaken with the recent refit at the State Library of Victoria. The Melbourne based team at LL Installations was tasked with the manufacture and installation of acoustic ceiling panels in "The Quad" information centre. The considerable expanse of this area, its height of approximately five metres and its octagonal shape provided substantial challenges for accurate site measuring using traditional methods.

Having used Flexijet 3D on many projects prior to this one, the team at LL Installations completed the site measure with a precision that even astounded them. All the measurements were performed at ground level (scaffolds or scissor lifts were not required), and this even included accurate positioning of all penetrations such as sprinkler heads. Director Luke Lawry commented that "I could not believe the accuracy of Flexijet 3D. When we imported the model into AutoCAD, we questioned many of the measurements as what we thought were straight edges, many had bumps and were not straight at all. However, we were confident in the model that Flexijet 3D gave us and we proceeded to production. The end result was that every panel fitted perfectly. I could not believe it. I am always amazed at the features and accuracy of Flexijet 3D."

In summary, Flexijet 3D is a measuring system that will revolutionise site measuring. The ability to not only measure,

The end result. Panels manufactured with millimetre precision.





The measured model with millimetre accuracy.

but to instantly create a CAD drawing on site is a huge leap from the days of deciphering handwritten measurements on a note pad. With a visual model to refer to while the measurements are being performed gives instant feedback and reduces the likelihood of missed measurements. How many times has someone had to travel back to site to get that measurement that was missed? The increase in efficiency and accuracy with Flexijet 3D will provide a return on investment in a very short time.

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Flexijet 3D... in action on-site.



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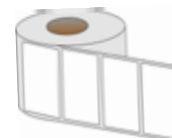
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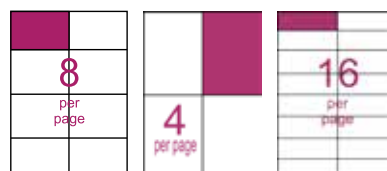


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