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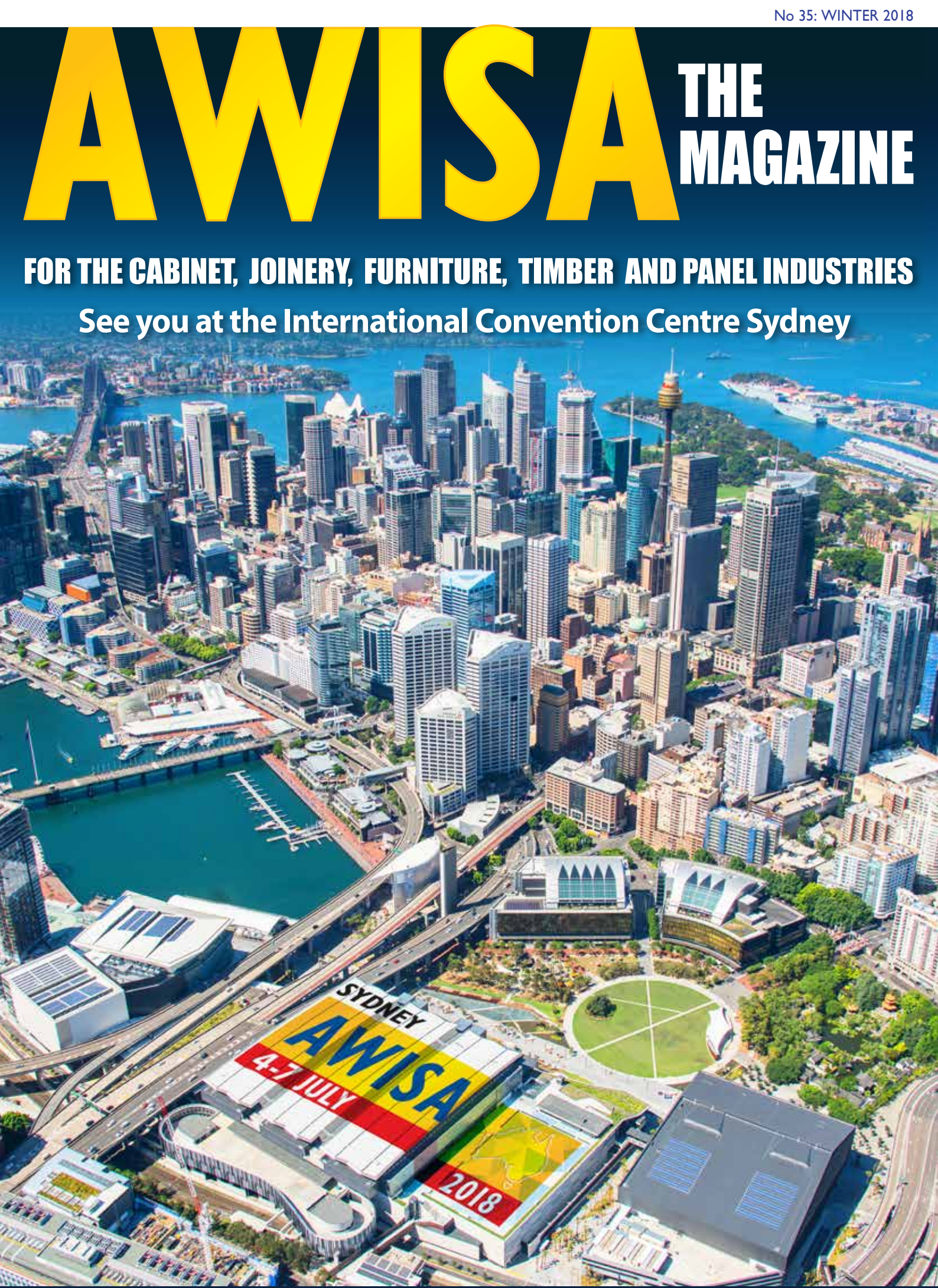
AWISA THE MAGAZINE

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

See you at the International Convention Centre Sydney



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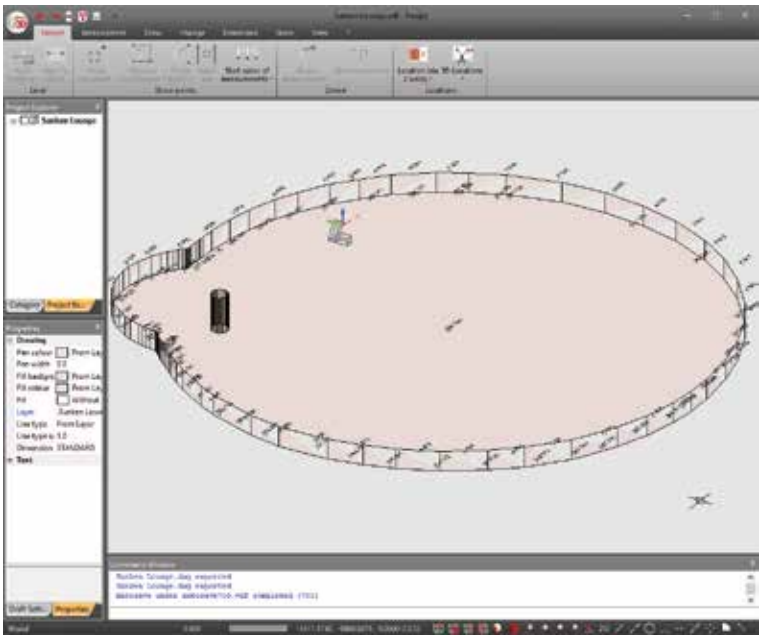
Measuring curved surfaces -
no problem with Flexijet 3D

The Flexijet 3D laser measuring system site measures and instantly creates a 3D CAD drawing. It is so versatile that it accomplishes site measuring tasks with speed and accuracy. 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. Cabinet makers and others that have ever had to measure curved walls or other curved elements to construct joinery to these surfaces will know the issues. The normal practice would be to spend hours making MDF templates and then somehow redrawing these in joinery construction software. Well, Flexijet 3D does this with ease and in a fraction of the time making manual templates obsolete. It will measure and instantly create on site, a true CAD model and then export it in DXF or DWG format (amongst others). The file can then be imported into software such as Pytha®, Microvellum®, Sketchup®, AutoCAD® and Rhino® to name a few.

In the following example, Flexijet helped a joinery project at a residence located in an exclusive Melbourne suburb. Amongst the extensive joinery items that needed to be constructed, two in particular are highlighted.

Firstly, a circular sunken lounge where stonework had to be installed. This measurement task was completed in 20 minutes. After this time, an accurate digital template of the entire sunken lounge area including the variations in height of the lower and upper floor levels was on file. The file was then exported as a DXF and emailed from site back to the office for the in-house designers to work with. A task completed with ease and with an accuracy of 0.9mm.

Secondly, a curved wardrobe. This scenario involved the construction of a wardrobe in a curved wall recess. Accurately measuring the walls using manual templating techniques would involve substantial time and effort, not to mention the digitising of these templates so that they could then be used in design software. With Flexijet 3D, the entire room was measured and modelled with ease in under an hour. Using Flexijet's 3D "series of measurements" feature, the curved walls were measured using the internal motor drive with user defined measurement increments. Just define the



Flexijet 3D model of sunken lounge, left and the completed stonework.

measurement series, then let Flexijet 3D do the rest… and relax with a coffee while the measurements are being made.

In summary, Flexijet 3D is an innovative measuring system that has revolutionised site measuring. To have the ability to not only measure but instantly draw measurements on site is a huge leap from the days of deciphering hand written measurements on a note pad from a tape measure and cross-hair laser. Having the 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.

See the demonstrations of Flexijet 3D at AWISA 2018, stand 4604.

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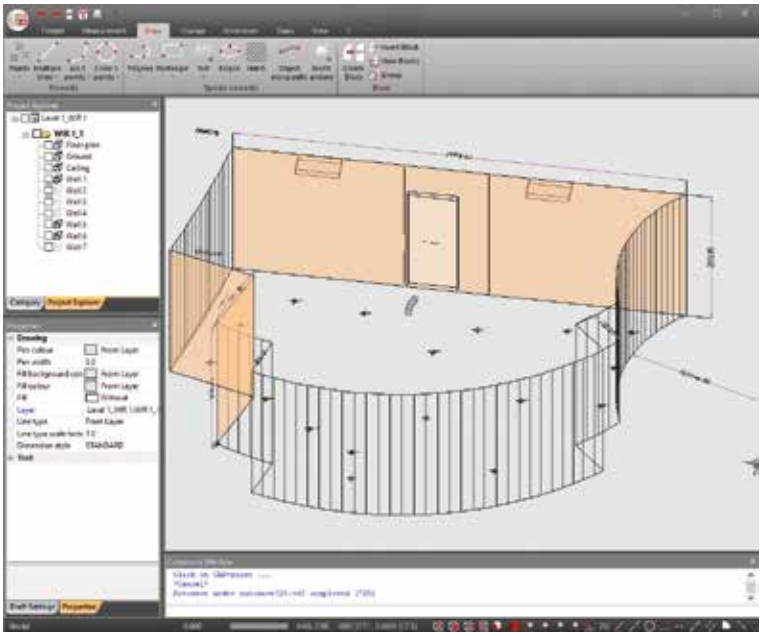
AWISA See us at AWISA 2018



Completed walk in wardrobe and the Flexijet 3D model.