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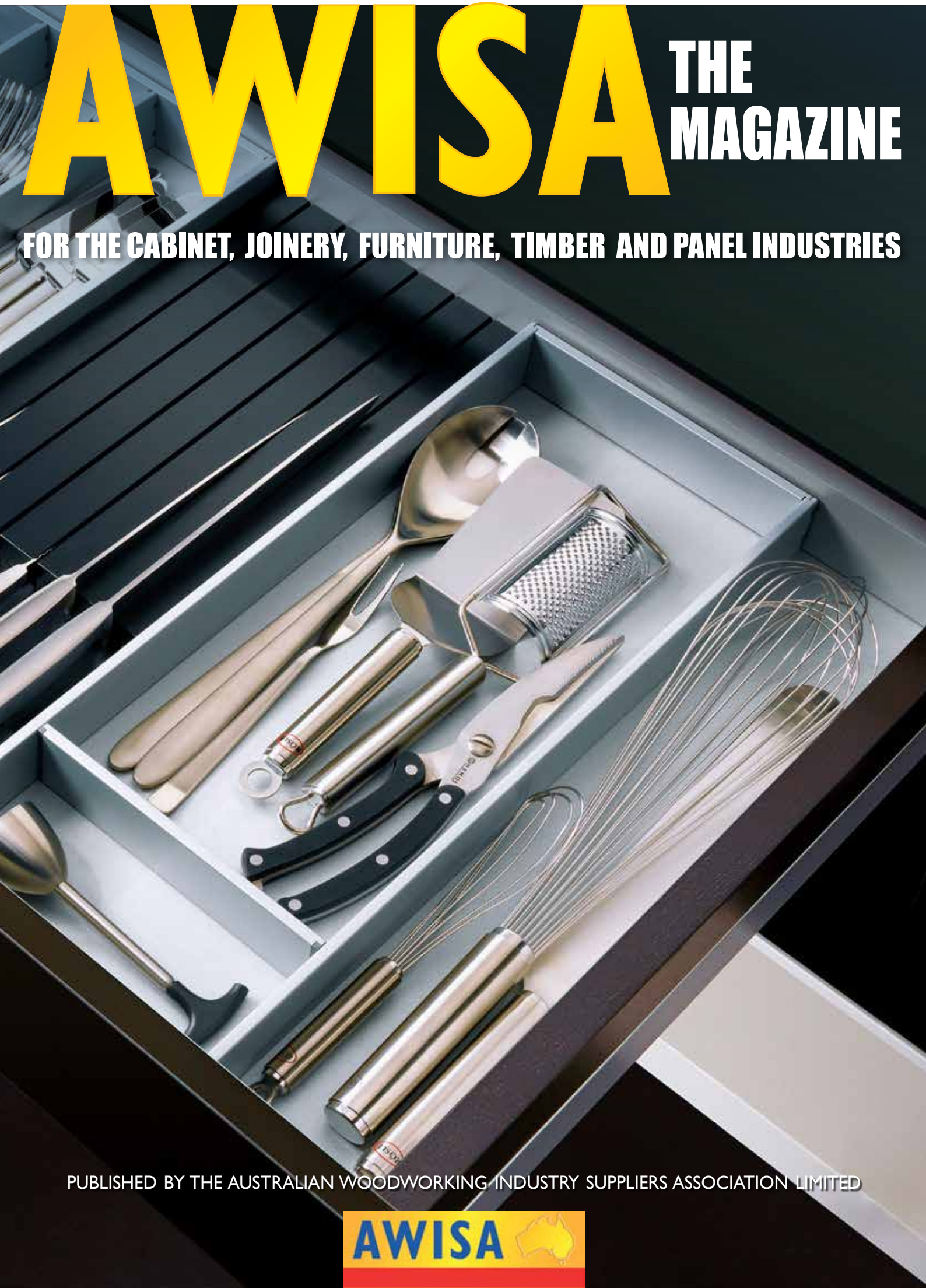
AWISA THE MAGAZINE

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



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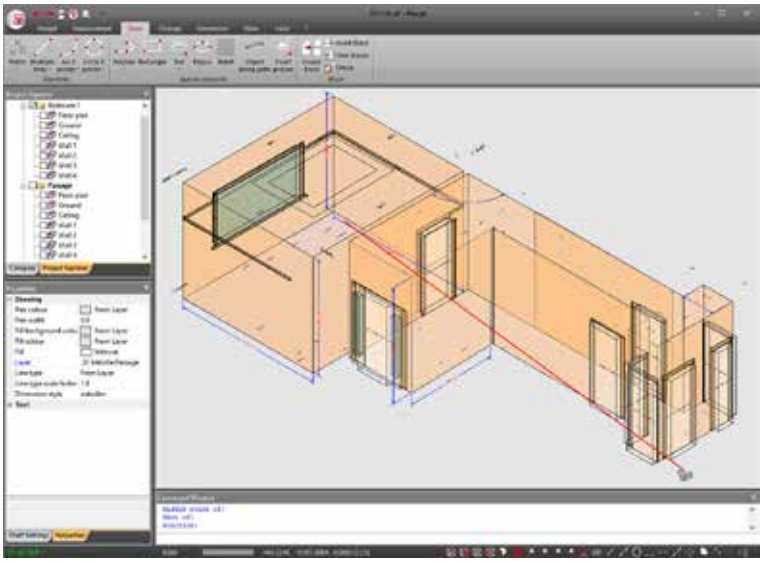
AWISA

From site measure to a 3D CAD drawing
in a single step



It has been a little over ten years since the first Flexijet 3D Laser measuring system made its dramatic impact. Site measuring in the joinery, cabinet making, window and glazing, stair and balustrade, stone masonry, architecture and many other industries around the world have seen outstanding improvements in efficiency and accuracy with the technologically advanced Flexijet 3D.

Using a tape measure, handheld laser, note pad and making tedious MDF templates are now a thing of the past. Imagine walking away from a site measure with a complete 3D or 2D digital CAD drawing in less time and with an accuracy of 0.9mm.

Flexijet Germany has now taken its hardware to another level with the release of its next generation Flexijet 3D. The new Flexijet 3D not only operates seamlessly with Flexijet's FlexiCAD software and continue its proven measurement accuracy and ease of use, but now features some significant upgrades and improvements.

The completely redesigned hardware feels natural to hold and operate with user friendly controls. The most striking new feature is the 7" touch screen that provides direct access to the most common CAD commands rather than having to access the FlexiCAD software on the nearby laptop. The CAD drawing is created as the user measures in real time, which makes it easy to see any missed measurements. Drawing curved walls, pipe penetrations, bulkheads, windows, doors, and niches are no problem for Flexijet 3D. Individual CAD points can now be linked with audio notes to record important details and the new integrated five-megapixel camera provides the ability to capture photos of construction site situations. Measuring points that are difficult to see, such as under strong sunlight, can now be precisely targeted via the crosshair display that features optics with integrated parallax compensation. When measurements are completed, simply export the CAD model as a DXF, DWG (including various other formats), and import into AutoCAD, Pytha, Microvellum, SketchUp or REVIT to name a few.

The device can be relocated using reference points, so whether the user is measuring a small area, an entire room or even an entire building spanning multiple levels, Flexijet 3D has the ability to accomplish this task with ease. The inbuilt shock sensor will warn if the device has been accidently kicked and the more stable WiFi has now replaced Bluetooth as the communication protocol between the hardware and software on the laptop.

Like the previous version, the new Flexijet 3D can be controlled manually or with the internal motor and will automatically level itself. Flexijet 3D is not only an innovative measuring device but can also aid in on-site installations and set outs. Simply import a DXF CAD file into the software, click on a CAD point in the drawing and Flexijet 3D will rotate and the laser will precisely point to the corresponding position on the work site. Honoured with the German Federal Award for Excellence in Innovation in 2011, the new Flexijet 3D takes an already innovative site measuring system to the next level.

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