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Joinery, Cabinetmaking & Kitchen Manufacturing Industries

September 2020

stylish basics

sinks, taps and tops

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twenty five years

JOINERS Magazine at 100 not out



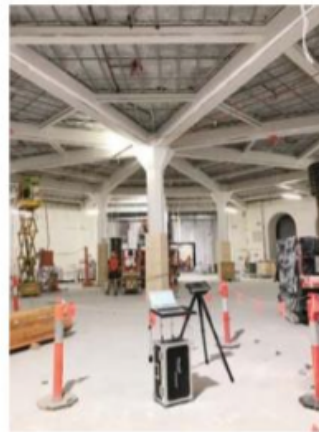
Take your site measuring to the next level

Picture this common scenario... you have just won that sought-after tender but anxiety has just surged as there are some very complex measurements that need to be taken, many of them difficult to access with your tape measure or hand held laser distance meter. You also realise that 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 this is done, the measured data still needs to be drawn in your CAD software. You then think to yourself... '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 3DLaser 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 your 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 a Melbourne based joinery team was tasked with the manufacture and installation of acoustic ceiling panels at a major public building. The considerable expanse of this area, its height of approximately 5 meters and its octagonal shape provided substantial challenges for accurate site measuring using traditional methods.



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

Using Flexijet 3D on many projects prior to this one, the Melbourne team 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.

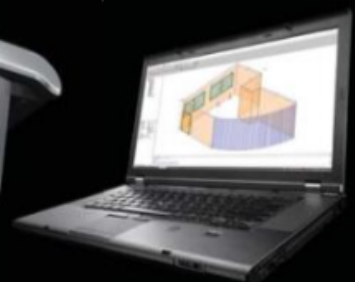


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From site measure to CAD in a single step!

flexijet 3D
Laser measuring system

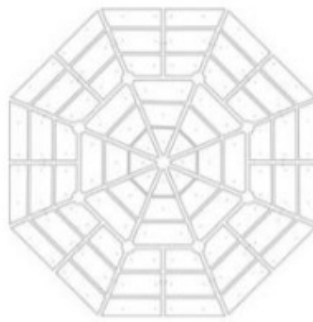
- Site measure with only one person.
- Manufactured in Germany and used in the joinery and shop fitting industries around the world.
- Measure in 3D or 2D without restrictions.
- 7" touch display.
- Integrated camera.
- Auto levelling feature.
- Instant surface and space calculations.
- Projection of CAD points on-site to aid in installation.
- Easily create digital templates, scribe uneven surfaces and measure rooms or entire buildings.
- Interfaces to all common CAD software and CNC equipment.



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The company director 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 variations 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 am always amazed at the features and accuracy of Flexijet 3D."

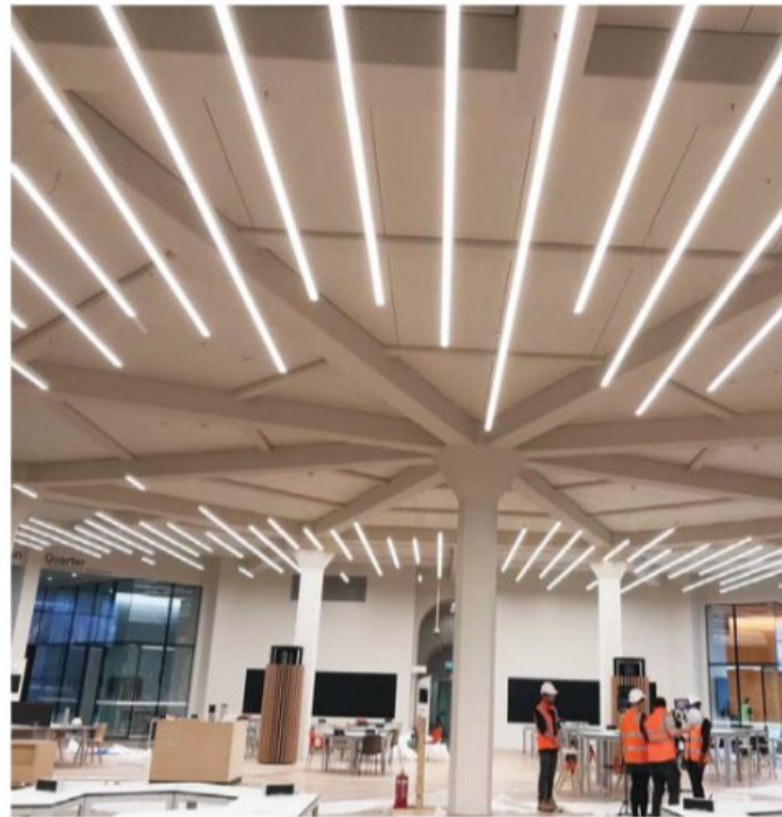


The measured model (above) with millimetre accuracy and (right) the end result, panels manufactured with millimetre precision.

In summary, Flexijet 3D is a measuring system that will revolutionise your site measuring. The ability to not only measure, 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 you instant feedback and reduces the likelihood of missed

measurements. The increase in efficiency and accuracy with Flexijet 3D will provide a return on investment in a very short time.

To see Flexijet 3D in action, call Flexijet Australia for a demonstration. Phone +61 1300 077 977 or go to www.flexijetaustralia.com



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