

AWISA THE MAGAZINE

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Flexijet STONE

Digital templating for the benchtop and stone industries

In previous articles, Flexijet has given many examples of how the Flexijet 3D laser measuring system can make a huge impact on site measuring for the joinery industry. Few realise however, that though it may have many advanced features for joinery manufacturing, it is equally adept at scribing and measuring projects in the stone masonry and benchtop industries. With an accuracy of under one millimetre, some often think that such a system can only be justified for complex 3D measurements. This is far from the truth as many practitioners in the stone industry will attest.

Flexijet GmbH has recognised the enormous advantages that Flexijet 3D can provide and as such, it now supplies two versions of its software with the system at no additional cost. FlexiCAD is the default software with fully featured 3D capabilities, whereas Flexijet STONE is specifically configured for the stone industry. Though digital scribing and templating is generally undertaken by measuring surfaces in 2D mode, Flexijet STONE software still retains many 3D capabilities. With the click of a button, 2D measurements can also be viewed in 3D and Flexijet

often say "measure in 2D and see the results in 3D". The final measurements can then of course be exported as 2D DXF files aligned on the xy plane ready for the CNC.

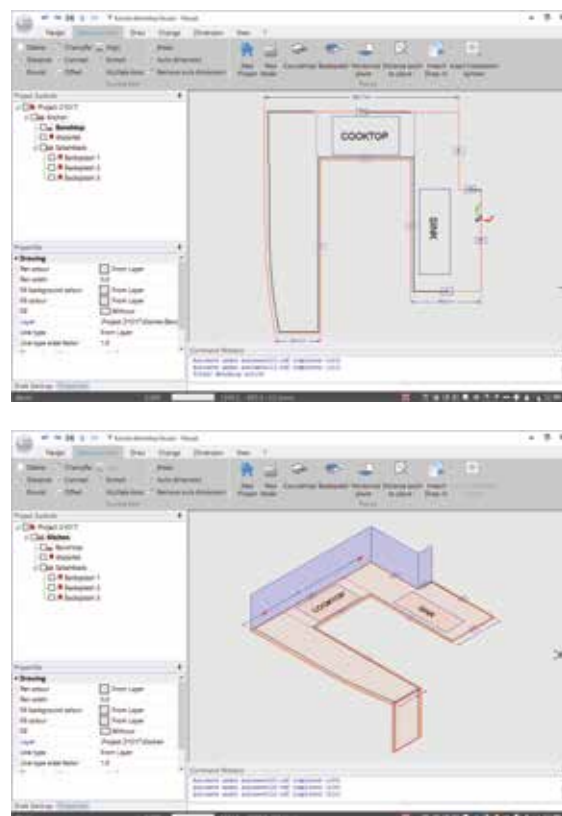
The Flexijet STONE software contains a complete set of CAD tools required for preparing measurements ready for CNC production. This includes custom configuration of installation symbols such as cut outs for GPOs sinks and cooktops. In fact, users can create any symbol they desire that will make their workflow hassle free and more efficient. Additional functionality includes the ability to accurately check the level of cabinets, walls, and other surfaces right from the Flexijet laser. Identify the high and low points of cabinets ahead of time, and therefore plan accordingly so that the installations are as easy as the measurements.

In the example shown, a Flexijet user has measured a kitchen benchtop with a waterfall end and a splashback. The drawing also contains all the necessary offsets, GPO and appliance cut-outs ensuring every piece is cut with precision resulting in a perfect installation.



The Flexijet 3D Laser Measuring System.

Kitchen benchtop measurement in 2D.
Single click 3D view of the completed model including splashback and waterfall end.





In summary, Flexijet 3D provides a perfect solution for accurately templating and preparing digital measurements ready for CNC production. With users in over 30 countries globally, it is a tried and trusted technology that eliminates errors when compared to manual measurement methods and delivers a quick return on investment. Contact Flexijet Australia to arrange a demonstration and discuss how Flexijet's laser technology can improve site measuring for a more efficient workflow.

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