*June 2020 – for immediate release Further information: Chris Pockett, +44 1453 524133*

**Renishaw launches a new version of FixtureBuilder 3D-modelling software**

Renishaw is pleased to announce the release of FixtureBuilder 8.0, the latest version of its 3D fixture modelling software. FixtureBuilder allows users to design metrology fixturing set-ups without having to go near their co-ordinate measuring machines (CMM) and other inspection devices. This reduces the amount of unproductive set-up time and increases the productivity of inspection machines.

The software can be used with a CAD model of the part to be inspected, which is imported into FixtureBuilder, so that the fixture can be built around it. The entire fixturing set-up, along with the part, can then be exported into inspection programming software.

FixtureBuilder offers a wide range of customer benefits, derived from Renishaw's deep understanding of metrology best practice and part inspection.

**New functionality in FixtureBuilder 8.0**

In FixtureBuilder 8.0, users can now model fixtures that use the innovative Renishaw QuickLoad™ rail system. The QuickLoad rail system is used on CMMs and provides a secure work holding position when used in conjunction with QuickLoad base plates, which locate to the rail on either side using quick release magnets and location pins. The interchangeable design of the rail and plates aims to maximise the machine operator’s ability to inspect and release parts swiftly.

Metrology tables, M12 fixtures, ¼-20 fixtures and many other new fixturing components have also been added to FixtureBuilder v8.0, providing users with access to an even wider range of fixturing components in the FixtureBuilder component library.

An improved mechanism mode in FixtureBuilder 8.0, provides real life movement and collision detection with increased precision, resulting in faster fixture set-ups.

Exporting the fixture model into inspection software has become faster and easier in the latest version of FixtureBuilder, making the inspection programming process more streamlined.

In addition to supporting Parasolid, STEP, ACIS, STL, IGES and many other file formats, FixtureBuilder 8.0 has been upgraded to allow users to import and export the latest versions of these 3D CAD file formats.

**Purchase or obtain a free trial of FixtureBuilder 8.0**

The software is available to all existing and future Renishaw customers to complement and further improve the productivity of their Renishaw fixtures and other inspection equipment. It is available for purchase through the Renishaw distribution network. A 30-day free demo version of the software is also available from the Renishaw website.

For further information about FixtureBuilder, visit [www.renishaw.com/fixturebuilder](http://www.renishaw.com/fixturebuilder)

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