

Software Release Notes:

Renishaw Off axis rotary software (v 2.01)

1. General

History:

The Renishaw 'Off axis rotary software' was released to provide support for "off axis" testing of rotary axes using XR20-W. The initial version was released as version 2.0 in December 2012 in English only. It provided machine capability for Fanuc, Siemens and Heidenhain controls along with ability to create custom machine outputs. For full details see www.renishaw.com/offaxisrotary.

Replaces:

Version 2.0

Operating system and PC compatibility:

(Supports both 32 and 64 bit architecture)

- Windows XP (SP3 or above)
- Windows Vista
- Windows 7

PC Specification:

Unchanged from 2.0

PC Software Pre-requisites:

Microsoft .NET Framework 4

<http://www.microsoft.com/en-us/download/details.aspx?id=24872>

Windows Installer 4.5

<http://www.microsoft.com/downloads/details.aspx?FamilyID=5A58B56F-60B6-4412-95B9-54D056D6F9F4>

Availability:

Available as part number A-9920-0304.

Caution:

Any software installation can give rise to operating issues due to local system architecture and existing operating procedures. Whilst this version of Off axis rotary software may offer enhanced features over your current version you should always follow your own corporate guidelines regarding software use before installation. This may involve contacting the appropriate I.T./Business Systems personnel within your organisation for guidance and assistance

2. Key Enhancements compared to Renishaw Off axis rotary v2.0

- Added “rollover” feature. Some controllers do not handle negative targets. Their range of positions is (0..360). If we are doing a partial arc, 0 to 120 degrees with an overrun of 5 degrees, say, then we need to know whether the overrun should be to -5 or 355 degrees. There is no way of determining this from the rta file. It was felt that the best way of handling this was to add another field to the CncControls.xml that will identify the range of the controller. This can be customised by the user as applicable.

- Added support for the following controllers
 - i. Haas
 - ii. Mazak

- Added support for the following languages (software and manual)
 - i. German
 - ii. Spanish
 - iii. French
 - iv. Italian
 - v. Japanese
 - vi. Simplified Chinese
 - vii. Traditional Chinese