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| Copies to | Title Machining PowerPac 6.08.01 - CAM Converter Functionality | | Ref | |
| Department ABB Robotics/BU Robot Product | | Date 2019-04-19 | Filename Machining PowerPac 6.08.01 – CAM Converter Release Notes.doc | Page 1/4 |
| | Dealt with by, telephone Alan Huang +86 021 61056186 | | | |

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Release Information

Release Name

The release name is Machining PowerPac 6.08.01 - CAM Converter Functionality

The release contains following product:

- Machining PowerPac 6.08.01 - CAM Converter Functionality

Release Information

The information should be considered as last minutes information and most up-to-date.

For more information please contact project manager: CN-Robotics-Software@abb.com

Release Date

2019-4

Ordering number

Ordering number for the Machining PowerPac 6.08.01 - CAM Converter Manual is **3HAC050262**

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General

Installation information

- 1) Download Machining PowerPac 6.08.01 from the following link,
<http://new.abb.com/products/robotics/robotstudio/downloads>
- 2) Click “ABB Machining PowerPac 6.08.01.exe” to install Machining PowerPac - CAMConverter Functionality
- 3) Machining PowerPac - CAMConverter Functionality will be installed under “Robotics IT”, the standard install location for RS PowerPac

Language information

CAMConverter 6.08.01 supports following languages:

- ☐ English
- ☐ Chinese

Main functions

- Import standard APT/ISO G-Code
 - Fully support 5-axis G-code
 - Extendable with template
- Station setup
 - External positioner and linear track
 - Optimize the workpiece/wobj location
- Convert tool path to robot path
 - 3 strategies of target configuration and external axis interpolations
 - Positioner
 - Linear track
- Simulation
 - New quick simulation and collision check in RS
 - Support VC simulation
- Export RAPID
 - Extendable with template
- Performance
 - Support >500k point during the whole process

Limitations

- System supports only ABB 6-axis robots, except for IRB 6640ID, IRB 6640 LeanID, and 6-axis painting robots IRB 52, IRB 5400, and IRB 580.

ABB AB Robotics

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Known issues

- The Machining PowerPac - CAMConverter may encounter errors if users have run Machining Powerpac older version in the same RobotStudio session
- IRB6700_300_270 kinematics has an error, currently this robot type is not supported.
- Throw fatal exception on RobotStudio 6.07.01 when using “Tool Builder” to Mount a cutter to station. PDD10575. After investigating, the root cause of this issue is bug exists in the latest RobotStudio SDK. Work around solution is to use some lower version of RobotStudio, like 6.04.01