

Copies to	Title Machining PowerPac 6.06 - CAM Converter Functionality		Ref	
Department ABB Robotics/BU Robot Product		Date 2017-09-08	Filename Machining PowerPac 6.06 – 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 6.06 - CAM Converter Functionality

The release contains following product:

- ❑ Machining PowerPac 6.06 - 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*

**2017-08**

### *Ordering number*

Ordering number for the Machining PowerPac 6.06 - CAM Converter Manual is **3HAC050262**

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## General

### *Installation information*

- 1) Download Machining PowerPac 6.06 from the following link,  
<http://new.abb.com/products/robotics/robotstudio/downloads>
- 2) Click “ABB Machining PowerPac 6.06.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 6.06 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

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### *Corrections of CAM Converter*

#### Corrections

**Fix the problem that the “Target Configuration” function can not be used in “Czech” region languages. PDD 7909**

**Fix the problem of “download new MPP version available” still appears although new version just installed. PDD8919**

### *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.

### *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.