



ABB Automation Technology Products, Robotics
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CAD Models FAQ

Question	Answer
I downloaded an IGES model of a robot, but it contains only surfaces. Is there a way to get a robot model with solid bodies?	The IGES and VDA formats of the robot models are always surfaced models. To obtain a robot model with solid bodies use the STEP format as neutral format or SAT, Parasolid or SolidWorks as CAD dependent formats.
Which ROBCAD versions are supported by the ROBCAD robot models?	The ROBCAD robot models can be loaded into ROBCAD version 3.5 or higher.
Which IGRIP versions are supported by the IGRIP robot models?	The IGRIP robot models can be loaded into IGRIP version 5.0 or higher.
I want to move a robot model in my animation system. How do I know which parts of the robot model are moved by which joint?	Use the download option per joint link. Each part in this archive represents a movable joint of the robot model.
I want to use a robot model in CATIA, but the IGES format don't give me good results when loaded into CATIA.	Use the STEP format for CATIA, this has been tested successfully.
I downloaded a ROBCAD robot model. How do I use this in my ROBCAD system?	Use the <code>gzip -d <robot model>.tar.gz</code> command to uncompress the model. Then use the <code>tar xvf <robot model>.tar</code> command to place the ROBCAD model either in a LIBRARY or in a ROBCAD project.
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<p>I downloaded a RobotStudio robot model. How do I use this in RobotStudio? Use WinZip to uncompress the file you have downloaded.</p>	<p>Place the .rlb file AND the _Supporting Files folder in the RobotStudio library folder, ususally \Program Files\ABB Robotics\Library. If not already present, you need to create a system for the VirtualController before you can simulate the robot in RobotStudio.</p>
<p>Which RobotStudio versions are supported by the RobotStudio robot models?</p>	<p>The RobotStudio robot models can be loaded into RobotStudio version 1.0 or higher.</p>
<p>Why is there a choise between joint_links and complete when I download a file?</p>	<p>For complete you will recieve only one file with all parts included. For the joint-links choise you will get the parts seperate.</p>
<p>Why is there validation info on some of the CAD models?</p>	<p>The validation info gives the user an indication of wich file format to choose on wich CAD system.</p>
<p>Which Solidworks year version are supported by the Solidworks CAD models?</p>	<p>The Solid Works CAD models can be loaded into Solid Works 2001 or later. If you have an older version of Solid Works choose parasolid format.</p>