

This document captures ideas, experiences, and informal recommendations from the Yaskawa Partner Support team. It is meant to augment – not supersede manuals or documentation from motoman.com. Please contact the Partner Support team at partnersupport@motoman.com for updates or clarification.

How to Save a Native CAD Assembly Using Pack and Go

Introduction

There are times when sending a STEP file or Parasolid to another person may not be sufficient. An example is when an Engineer at Yaskawa Robotics needs to assist with an End Effector Tool Analysis. That individual not only needs the 3D CAD geometry but all the material properties that make up the components of the tool.

Common Mistakes

When asking for native CAD data it is common that the sender only send the Top-Level Assembly file (.sldasm, .iam, .asm) without the component part files. Another mistake is when the sender thinks all the files are in just one folder - not realizing there are parts located elsewhere on their network.

The Solution

All these frustrations can be alleviated by taking advantage of the CAD software's ability to automatically find and collect all the linked files, using a method commonly known as "Pack and Go".

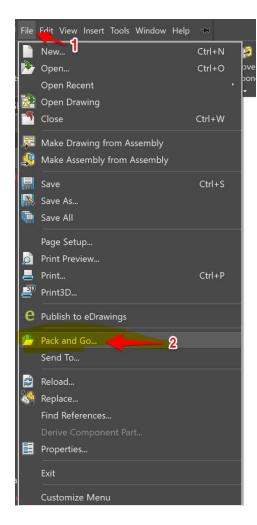
Below we will walk thru the "Pack and Go" process for three of the most popular CAD software packages.



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Solidworks

- 1. Select FILE
- 2. Mouse down to Pack and Go





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3. The **Pack and Go** dialog window will appear.

Include simulation results		decals, appearances and scenes	Nested view
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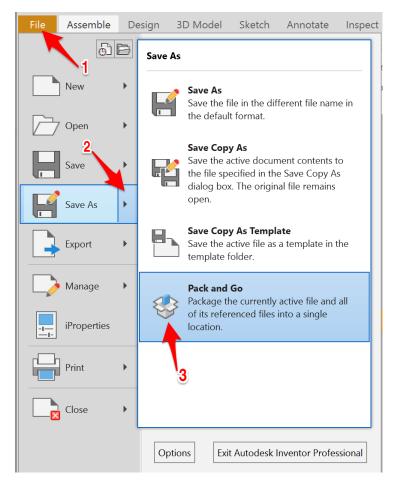
- 4. Check Include Toolbox Components
- 5. Check Include Suppressed Components
- 6. Check Include custom decals, appearances, and scenes
- 7. Select Save to Zip File
- 8. Press Save



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Autodesk Inventor

- 1. Select File
- 2. Select Save As
- 3. Select Pack and Go



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Skip Libraries Skip Libraries Collect Workgroups Skip Styles Skip Templates Package as .zip ← 6 ?	vired: 7 1.1MB	g Start Cancel More >>

- 4. Check Copy to Single Path
- 5. Check Include linked files
- 6. Check Package as .zip
- 7. Define the **Destination Folder**
- 8. Select Search Now
- 9. Select Start

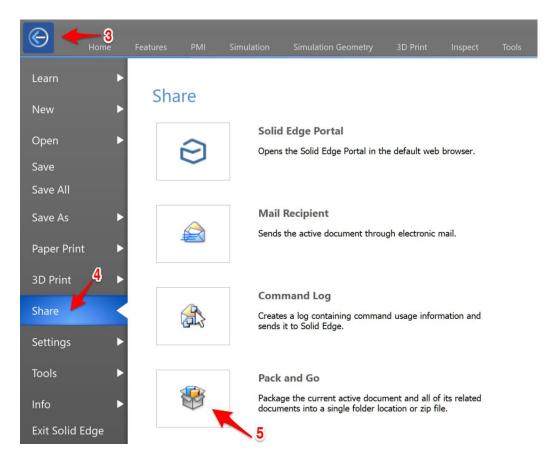


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Solid Edge

- 1. Open the Top-Level assembly in Solid Edge.
- 2. Make to first save the assembly.
- 3. Select the Application Button
- 4. Select Share
- 5. Select Pack and Go





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6. Solid Edge will scan for all linked locations

 ✓ Include Drawing ✓ Include simulation 		 Copy all files to single folder Maintain folder structure 			No levels BOM view						
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130078-8	D:\OneDriv	130078-8	D:\OneDriv	236	1/1						
130440-1	D:\OneDriv	130440-1_J	D:\OneDriv	309	4/4						
130440-2	D:\OneDriv	130440-2	D:\OneDriv	273	4/4						
130527-7	D:\OneDriv	130527-7	D:\OneDriv	547	4/3						
130532-4	D:\OneDriv	130532-4_s	D:\OneDriv	257	1/1						
130532-5	D:\OneDriv	130532-5_s	D:\OneDriv	257	10/						
130532-7	D:\OneDriv	130532-7_s	D:\OneDriv	257	1/1						
130532-9	D:\OneDriv	130532-9_s	D:\OneDriv	257	1/2						
130532-1	D:\OneDriv	130532-10	D:\OneDriv	257	1/1						
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- 7. Check Include Drawings
- 8. Check Copy all files to single folder
- 9. Check Save to a zip file
- 10. Select Save