Release Notes Palletizing PowerPac 5.15.02

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Release Information

Release Name

The release name is RobotStudio Palletizing PowerPac 5.15.02 (PzPP 5.15.02).

The installed program version is displayed in the *About Palletizing PowerPac* dialog box which can be launched from the *Help* group on the *Palletizing* ribbon tab. The version information can also be accessed from the *Add or Remove Programs* tool of the Windows *Control Panel*. The build number of Palletizing PowerPac 5.15.02 is **<Palletizing_ 5.15. 5409.2005>**.

Release Information

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

For more information please visit the support web site at http://www.robotstudio.com/community.

Release Time

Release time **2013-06**

Supported Platforms

Before you install PzPP, make sure your system conforms to the following requirements:

Required Software

RobotStudio 5.15.00 and above

RobotWare 5.15.00 and above

Supported Operating Systems

Microsoft Windows XP Professional 32-bit and 64-bit edition with Service Pack 2 or higher.

Microsoft Windows Vista Business or Enterprise 32-bit and 64-bit edition

Microsoft Windows 7 Business or Enterprise 32-bit and 64-bit edition

NOTE:

Palletizing PowerPac is not supported in 64-bit version of RobotStudio 5.15.01. It must be run on the 32-bit version of the RobotStudio 5.15.01

Recommended Hardware

High performance desktop or laptop workstation:

CPU: 2.0 GHz or faster processor

Memory: 1 GB system memory at minimum,
2 GB if running Windows Vista, stations with several robot systems, or large CAD-models.

Free disk-space: 5+ GB free space

Graphics card: High performance DirectX 9 or OpenGL-compatible graphics card with the corresponding up-to-date drivers installed

Display settings: Screen resolution: 1280 x 1024 pixels or higher

DPI: 96 dpi to 120 dpi

Changes in Palletizing PowerPac 5.15.02

Fixed PDDs

PDD	Description
2234	Palletizing:PDD2234:MinZ calculation
2235	PDD2235 Additional I/O events
1915	PDD1915:Unhandled exeption when changing tool scenarion
2273	PDD2273: palletizing I/O events doesn't invoke

Known Limitations In 5.15.02

Limitations

Localized language

Documentation is supported only with English, and software user interface is supported with English and Chinese. Other languages will be added as needed in next releases.

Verify library files

The first time you open the PowerPac, import a gripper or a feeder, RobotStudio will ask you to verify the library.

In that case, check “Always trust this publisher”, and click Yes. There may be around 14 libraries that you need to approve, but you only need to do this once.

Simulation does not start sometimes

Sometimes simulation does not start directly, due to RAPID error of ambiguous main routine in different modules. In this case, remove the program modules from RobotStudio Controller ribbon tab, and simulate again.

Auto generated pick/place sequence may be wrong when a multi-column product group is used

When a product group of more than 1 column is created and used in a pattern operation set, the auto-generated sequence could be wrong and the tool position could also be incorrect. User should manually edit the pick/place sequence.

Crash(RS / PzPP) while trying to configure a pattern with many products

This has been fixed.

Note: Small size (10 * 10 * 10) of product will cause to slowdown the performance or sometimes it will hang.

Support Mechanical Fork Grippers

For the case of Clamp gripper only, When the tune value is updated from the flexpendant the changes in the gripper positions are reflected in the Pick Setting dialog, however, sometimes the gripper moves to the middle of the object.

Flow does not start when Run Continously option unchecked

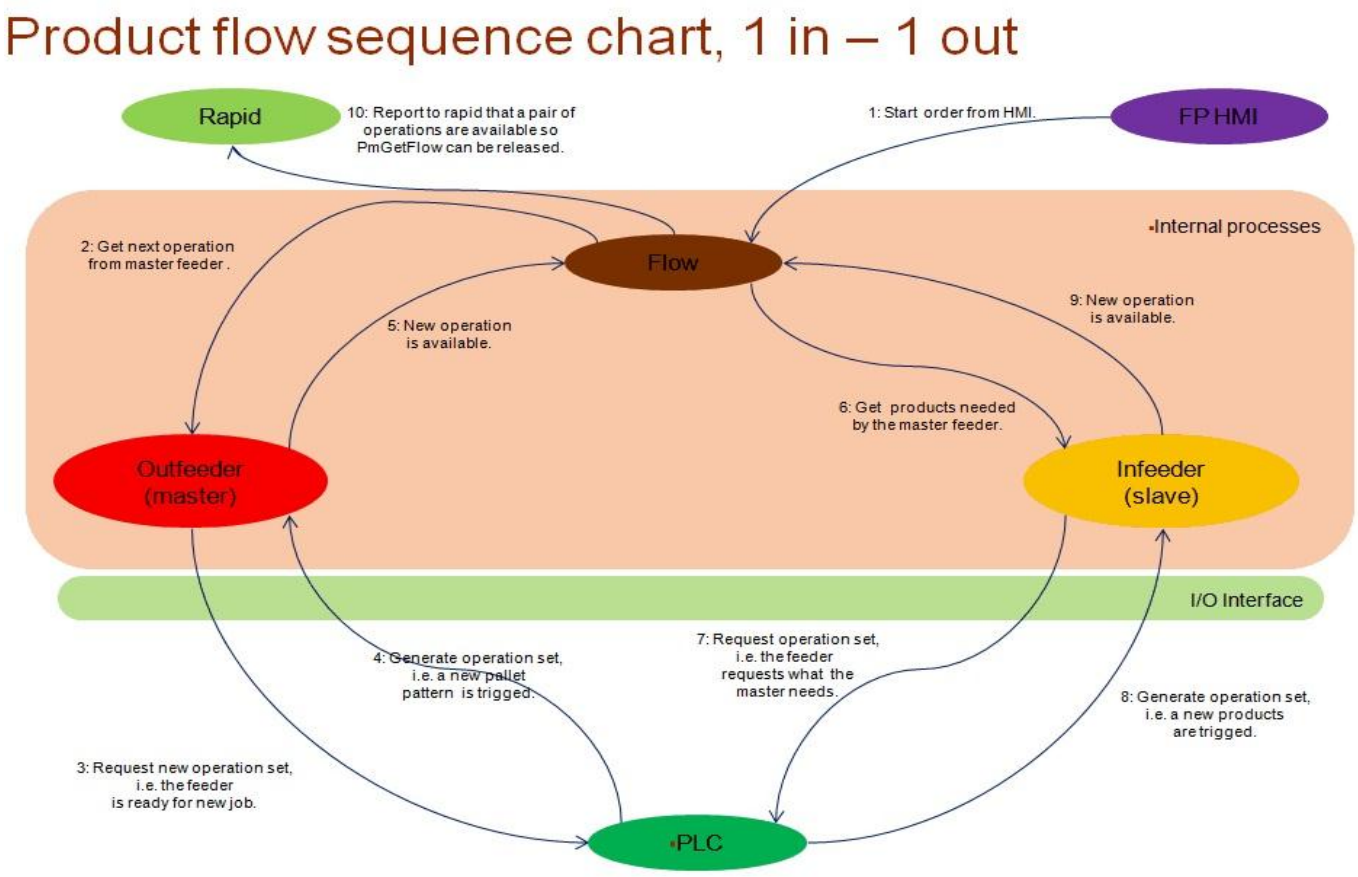
When a job is added to a flow, and run continuous option is unchecked, flow starts. When flow is stopped and started again, flow does not start with the same job. If a new job is added, flow starts.

Not completly supported in 120 DPI

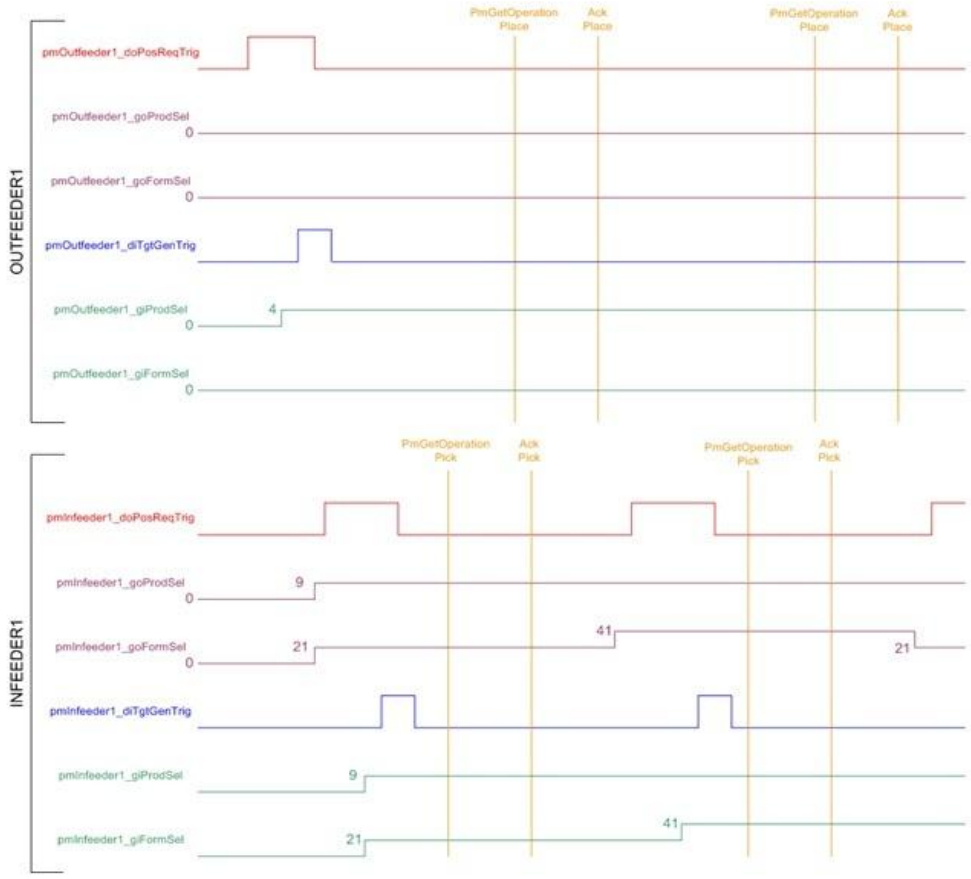
Palletinzing PowerPac not completely supported in 120 DPI.

Product flow sequence

Following is the product flow sequence chart and the signal chart.which is helpful while simulation.



Signal Chart



Installation of PzPP

How to Install PzPP

PzPP 5.15.02 can be installed and used after an installation of RobotStudio 5.15.02.

To install PzPP 5.15.02, proceed as following:

1. Double-click on the file ***Palletizing PowerPac 5.15.exe*** of the Palletizing PowerPac media.
2. Go through the wizard to finish installation.

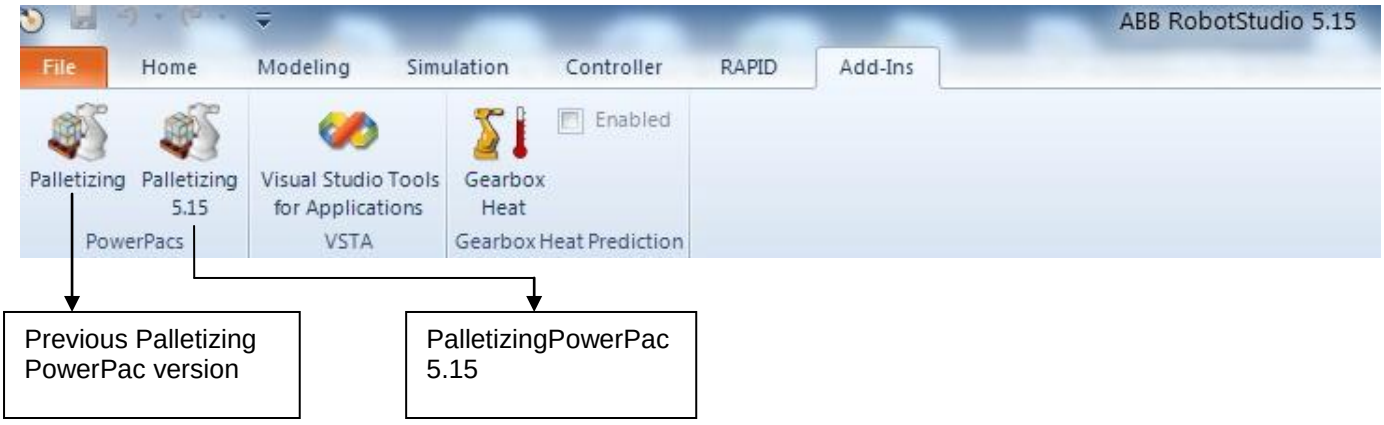
NOTE :

Warning about duplicate files appear when multiple versions of same PowerPac is installed

When two or more versions of the same PowerPac is installed, warning messages appear in the Output window when RobotStudio is started. The warning messages inform that duplicate files are installed. The message can be ignored since the PowerPac files are installed in separate folders and will not cause any mismatch. The function of the PowerPacs will not be affected.

Impact of multiple versions Palletizing PowerPac

The other button which displays “Palletizing” can activate the Palletizing 5.14, which is not completely supported in RobotStudio 5.15 environment. Please use “Palletizing 5.15” option from the Add in Tab for smooth functioning of Palletizing PowerPac on RobotStudio 5.15.



How to Uninstall PzPP

Select to uninstall PzPP from the *Add or Remove Programs* tool of the Windows *Control Panel*.