

Cham, 6 November 2018

## FlexIS Controller Replacement



### 1. Introduction

The FlexIS control and timing system was introduced in 2003. With over 1000 systems installed, it has become the leading control system for glass forming machines.

Like all electronic components and systems, the FlexIS faces some obsolescence challenges with subcomponents.

The old JetControl JC-647 (601-20011, 601-20012, 601-20013, 601-20067) will be obsolete by end of 2018. They have been replaced by the new JC-647B.

The new controllers JC-647B require a new FlexIS software version.

**Please make sure your software is up to date.**

NOTE: Bucher Emhart Glass just recently introduced the FlexIS 3 control system, which replaces the FlexIS 1. Refer to TNB 267 for details.

## 2. Details

### JetControl JC-647

Part number	Name	Controller	Required Software Version	Obsolete
601-20013	Machine Controller	JC-647	All versions will work	End 2018
601-20011	Section Controller	JC-647	All versions will work	End 2018
601-20012	Section Controller with FPS	JC-647	All versions will work	End 2018
601-20067	Ware Handling Controller	JC-647	All versions will work	End 2018

### JetControl JC-647B

Part number	Name	Controller	Required Software Version FlexIS 1	Required Software Version FlexIS 2
601-20121	Machine Controller	JC-647B	2.03.00.003 or higher	1.00-release-1093 or higher
601-20119	Section Controller	JC-647B	2.03.00.003 or higher	1.00-release-1093 or higher
601-20120	Section Controller with FPS	JC-647B	2.03.00.003 or higher	1.00-release-1093 or higher
601-20122	Ware Handling Controller	JC-647B	2.03.00.003 or higher	1.00-release-1093 or higher

The new controllers JC-647B require following FlexIS Software Version (Update Package Version)

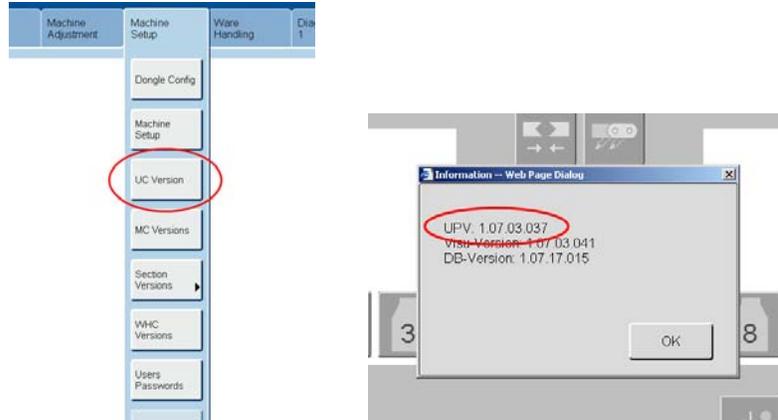
**FlexIS 1:** 2.03.00.003 or higher (released June 2018)

**FlexIS 2:** 1.00-release-1093 or higher (released November 2017)

**Please make sure that your FlexIS software is up to date.**

### 3. Find software version on FlexIS 1

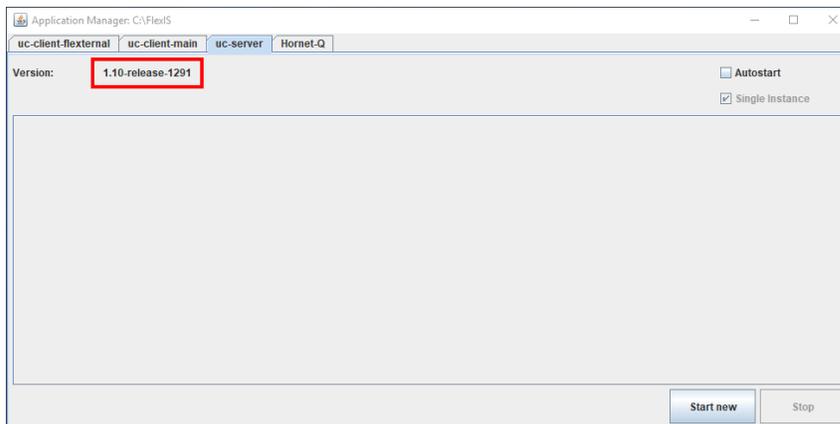
To find the software version (UPV = Update Package Version) on the FlexIS 1, click on the UC Version button.



On older systems you find the version information under the tab "Jobs / UC Version"  
If you don't see the UPV on your FlexIS then you have a very old UPV which definitely needs to be upgraded.

### 4. Find software version on FlexIS 2

On FlexIS 2 you find the version information in the AppManager.



## 5. Summary – What do you need to do?

If you have following controllers:

601-20119 JC-647B

601-20120 JC-647B

601-20121 JC-647B

601-20122 JC-647B

No actions need to be taken

If you have following controllers:

601-20011 JC-647

601-20012 JC-647

601-20013 JC-647

601-20067 JC-647

You need to make sure that your software has at least following level to be prepared:

FlexIS 1: 2.03.00.003 or higher

FlexIS 2: 1.00-release-1093 or higher

**If your software is up to date then no actions need to be taken.**

**Contact your sales representative for a quote for the necessary software upgrade.**

Standard service packages are available.

## 6. Repair of controllers

Any controller that is older than 10 years cannot be repaired anymore.