

Technical News Bulletin

Steinhausen, October 2020



FlexIS Controller Replacement

- FlexIS 1 Machine, Section and Ware Handling Controller face some obsolescence challenges with subcomponents.
- Any controller that is older than 10 years cannot be repaired anymore.
- Contact your sales representative for a quote for the necessary software upgrade.

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 1 Machine, Section and Ware Handling Controller face some obsolescence challenges with subcomponents.

In 2018 we announced the obsolescence of the JetControl JC-647 (601-20011, 601-20012, 601-20013, 601-20067). They have been replaced by the new JC-647B. Now we are facing an obsolescence of some submodules (SB-I and INT-Module) and therefore the controllers 601-20119, 601-20120, 601-20121 and 601-20122 can only be supplied until July 2021.

New controllers have been designed and will be available under following numbers 601-20127, 601-20128, 601-20129 and 601-20130.

The new controllers JC-647B with the submodules SB-I-B and INT-B require a new FlexIS software version.

Please make sure your software is up to date.

NOTE: Bucher Emhart Glass introduced the FlexIS 3 control system beginning of 2019, which replaces the FlexIS 1. Refer to TNB 267 for details.

Details

JetControl JC-647 (Obsolete End 2018)

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 (Obsolete July 2021)

Part number	Name	Controller	Required Software Version FlexIS 1	Required Software Version FlexIS 2 (UC 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

JetControl JC-647B (with new SB-I-B and INT-B)

Part number	Name	Controller	Required Software Version FlexIS 1	Required Software Version FlexIS 2 (UC 2)
601-20129	Machine Controller	JC-647B	2.07.00.000 or higher	2.03-release-1024 or higher
601-20127	Section Controller	JC-647B	2.07.00.000 or higher	2.03-release-1024 or higher
601-20128	Section Controller with FPS	JC-647B	2.07.00.000 or higher	2.03-release-1024 or higher
601-20130	Ware Handling Controller	JC-647B	2.07.00.000 or higher	2.03-release-1024 or higher

The new controllers JC-647B (with new SB-I-B and INT-B) require following FlexIS Software Version (Update Package Version)

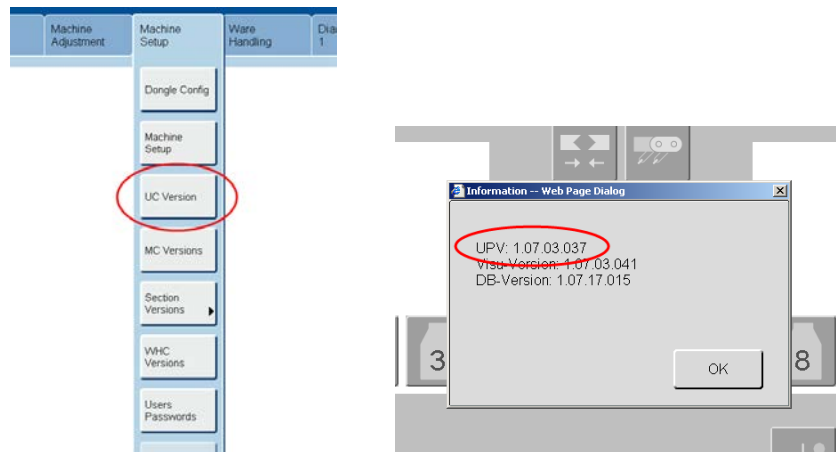
FlexIS 1 (with UC 1): 2.07.00.000 or higher (released May 2020)

FlexIS 2 (with UC 2): 2.03-release-1024 or higher (released May 2020)

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

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.

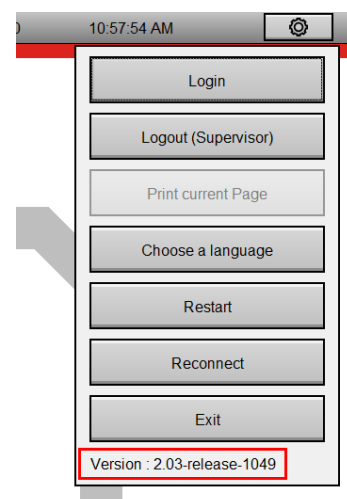
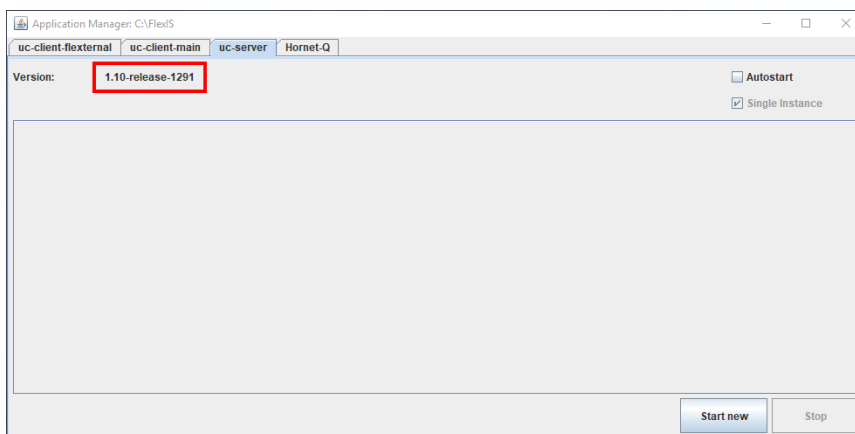


On older systems you find the version information under the tab “Jobs / UC Version”

If you don't see the UPV on your FlexIS then you have a very old UPV which definitely needs to be upgraded.

Find software version on FlexIS 2

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



Summary – What do you need to do?

If you have following controllers:

601-20011 JC-647

601-20012 JC-647

601-20013 JC-647

601-20067 JC-647

No actions need to be taken

If you have following controllers:

601-20119 JC-647B

601-20120 JC-647B

601-20121 JC-647B

601-20122 JC-647B

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

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.

If you have following controllers:

601-20127 JC-647B with SB-I-B and INT-B

601-20128 JC-647B with SB-I-B and INT-B

601-20129 JC-647B with SB-I-B and INT-B

601-20130 JC-647B with SB-I-B and INT-B

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

FlexIS 1: 2.07.00.000 or higher

FlexIS 2: 2.03-release-1024 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.

Repair of controllers

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

Revision Log

A	Added new type of Machine (601-20129), Section (601-20127 & 601-20128) and Ware Handling (601-20130) Controllers, including the required software versions
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