FANUC

ENGINEERING BULLETIN NUMBER: 03808

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Revision Date:	04/27/22	**Revision Level:**	6.1
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FANUC America

USB Drive Recommendations for use with R-30iB/R-30iB Plus, R-30iB Mate /R-30iB Mate Plus, R-30iB Compact, R-30iB Compact Plus and R-30iB Mini Plus controllers

ROBOT MODEL	SOFTWARE
All R-30iB/R-30iB+ and R-30iB/R-30iB+ Mate robot models	All V8.xx and V9.xx controller software

SOURCE OF INFORMATION:	☐ FANUC	☒ FAC	SEB - Software Engineering Bulletin

REASON FOR ENGINEERING BULLETIN		
☐ Error Correction N/A	☐ Material Availability	☐ Mechanical Guidelines
☐ Product Improvement N/A	☐ New Product Release	☐ Electrical Guidelines
☐ Other	☒ Information	☐ Software Guidelines

The USB drives listed below have been validated for use on the R-30iB/R-30iB Plus, R-30iB Mate /R-30iB Mate Plus, R-30iB Compact, R-30iB Compact Plus and R-30iB Mini Plus controllers. There are consumer grade drives and one industrial grade that can be purchased from a variety of retailers.

Due to part-to-part variations and possible changes in the hardware/chipsets overtime, there is potential that some variants of the devices listed below may not work for specific applications. If an issue occurs, it is recommended to either retry the operation again or use a USB device that has worked in the past. This potential risk is lower on the Industrial USB drive as the manufacturer is less likely to make changes that could affect performance of the drive.

The information contained in this Engineering Bulletin is valid until end of life of the USB product. FANUC America continuously tests new USBs upon notification of manufacture part end-of-life or component changes and will re-issue or revise this engineering bulletin.

Series: Transcend MLC USB Flash Drive Size tested: 8GB Part no: TS8GJF270M **** Note: FANUC America ships controller software on these devices.*** ✓ **Full Loads** ✓ **Auto Updates** ✓ **Backup/Restore**	

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Series: Transcend USB Jet Flash 600 Size tested: 8GB Part no: TS8GJF600 **** Note: FANUC America ships controller software on this device. **** ✓ **Full Loads** x **Auto Updates** x **Backup/Restore**	
Series: SanDisk Cruzer Blade Size tested: 8GB Part no: SDCZ50-008G-A46 **** Note: FANUC America ships controller software on these devices. **** ✓ **Full Loads** x **Auto Updates** x **Backup/Restore**	
Series: Transcend USB Jet Flash 500 Size tested: 8GB Part no: TS8GJF500 **** Note: AutoUpdate may not complete if version older than the following:** **V8.20P/43, V8.30P/38, V8.33P/05** ✓ **Full Loads** x **Auto Updates** x **Backup/Restore**	
Series: Kingston Digital DataTraveler SE9 Size tested: 8GB Part no: DTSE9H/8GB ✓ **Full Loads** x **Auto Updates** ✓ **Backup/Restore**	

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Series: Swissbit unitedCONTRAST II USB2.0
Size tested: 4GB
Part no: SFU24096E3BP2TO-I-DT-121-STD

** Note: Industrial USB Flash Drive

✓ **Full Loads**
x **Auto Updates**
✓ **Backup/Restore**