YASKAWA

UWI Arc File Viewer Utility

Introduction

Files downloaded from your YRC1000 controller are in ASCII text and can be viewed by most any text editing program. However, the data files may appear cryptic and difficult to interpret. A utility program was created to allow users to view Arc Start (ARCSRT.CND) and Arc End (ARCEND.CND) files in a friendlier format to get information to review and document their weld settings. The viewer uses the power source configuration file (WELDPROC.DAT) to format the settings according to the power source used. The viewer has side-by-side displays so Arc Start and Arc End files can be displayed at the same time or Arc Start/End files can be loaded in both locations to make it easier to compare different files next to each other. Some edit features allow columns to be moved or removed to change the appearance of the data fields. This is only a viewer, so data can not be changed or saved to load back into the robot.

Arc File text

Arc File in UWI Offline File Viewer application

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The utility is supplied as a compressed .zip file which needs to be extracted on your computer. The viewer does not install an application on your computer. There is an application file (offlineCndFileViewer.exe) inside the UWI Offline File Viewer folder (along with several supporting files) that needs to be opened.

Instructions for use:

The viewer opens with blank screens on two sides (Side A and Side B). Click on the blue text to open a file window to navigate to the file location with the data files you want to open. The two sides are independent so you may load Arc Start files on one side and Arc End files on the other side or files from two different cells for side-by-side comparison.
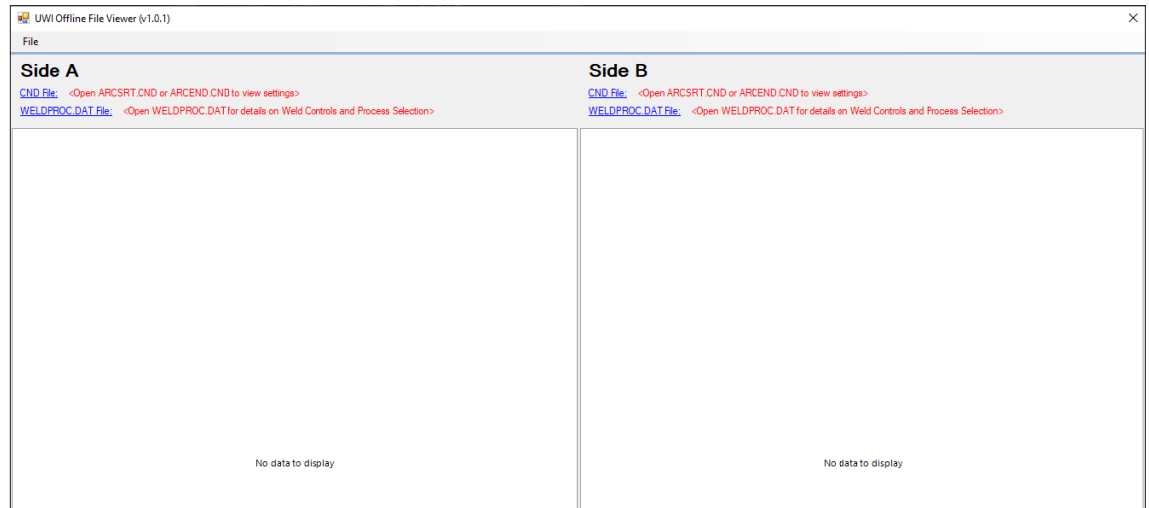
UWI Offline File Viewer initial screen

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Arc Files appear in the screen as a compressed line. Only the files with data will be shown. Clicking the arrow on the left will expand the view to show the data in that file. Multiple files can be expanded and a scroll bar will navigate between them.
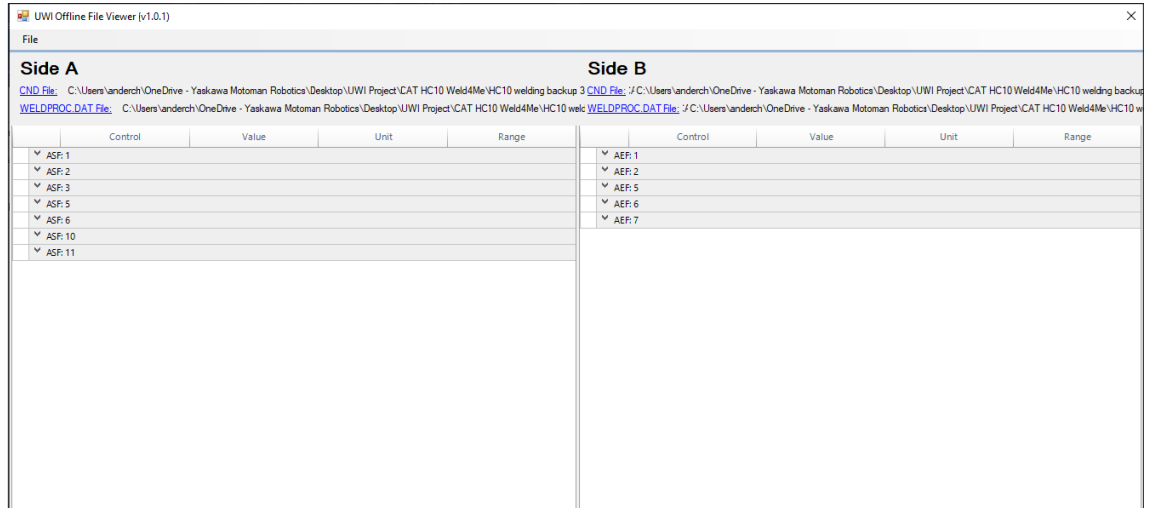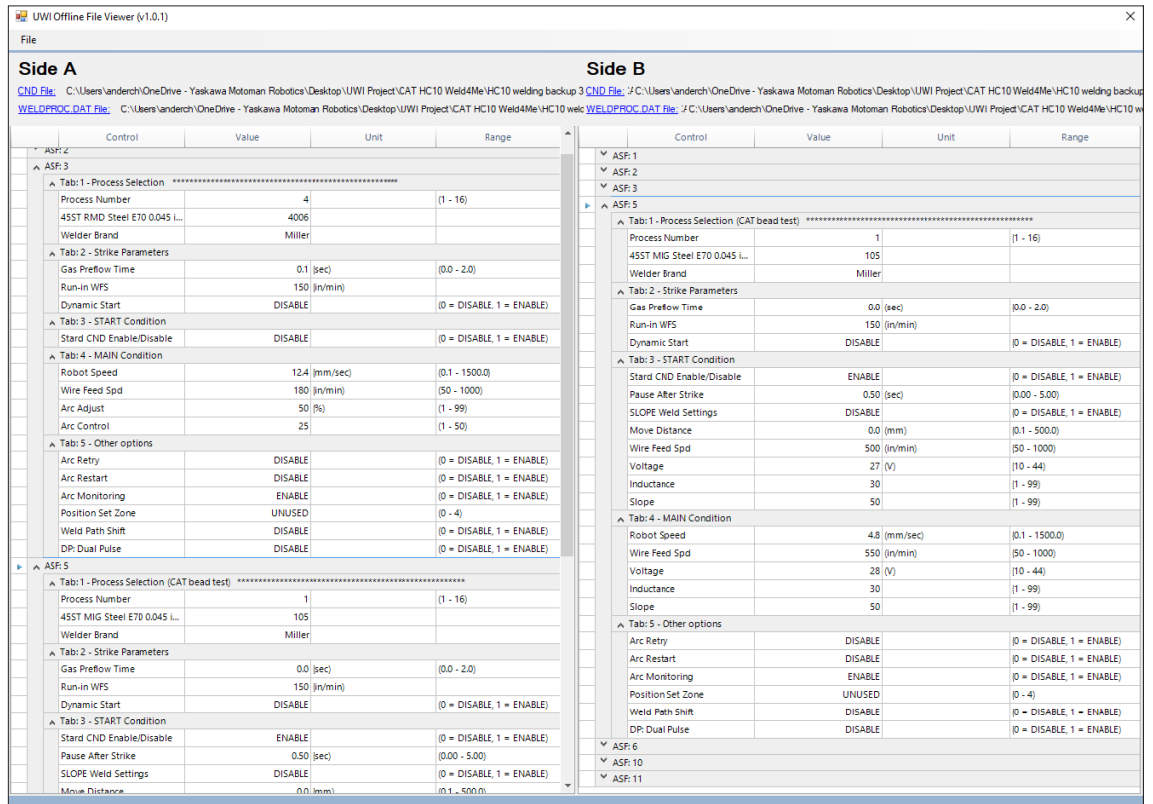

UWI Offline File Viewer with Arc Files that have data

Right clicking the boxes next to the expanded fields will display some edit options to cut or move rows to allow you to display the fields that are of interest.

UWI Offline File Viewer with Arc Files expanded to show data fields

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Saving Arc Files:

Arc Data Files are downloaded to USB memory stick or SD card in the pendant. Select the Ex. MEMORY menu and SAVE menus. It is possible to create and navigate between folders on the memory device. Select the FILE/GENERAL DATA field of files to SAVE.
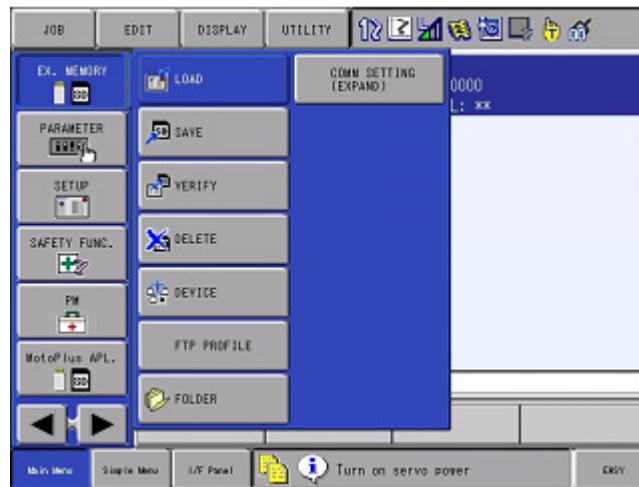
Scroll down with the cursor key and press SELECT to mark the Arc Files and Weld Process File. Press ENTER to download and acknowledge the SAVE prompt.

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