

Phoenix[®] Passwords

Field Service Bulletin

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Introduction

Hypertherm Phoenix software uses passwords to enable functionality, to perform diagnostics, and to access secure screens. These passwords are often used to restrict access to editable parameters. Using certain passwords incorrectly could impact proper cutting machine operation.



The following sections show the Phoenix passwords grouped by functionality.

Setup screens, read-only

Enter these passwords to view but not change the Phoenix setup and diagnostic screens. After you exit each screen, you must re-enter the password to view the screen again.

2865 – Machine Setups, read-only

5682 – Special Setups, read-only

4532 – Station Configuration, read-only

7235 – Diagnostics: I/O, Drives and Motors, and Machine Interface. Enables machine functionality for testing. This password expires when you exit the machine test screen. To perform additional tests you must re-enter the password.

Wizards

The CutPro and Align Wizards can be turned off by selecting the “do not show again” check box in the first wizard screen. These passwords allow the operator to turn on the wizards without opening the Special Setups screen.

ENABLEALIGNWIZARD – Enables the Align Wizard.

ENABLECUTWIZARD – Enables the CutPro® Wizard.

ENABLEWIZARDS – Enables all wizards.

Phoenix updates

Hypertherm periodically releases Phoenix software updates. These updates include new features as well as bug fixes. Because all updates include bug fixes, we recommend that you update the Phoenix software whenever a new version becomes available. If you are not sure, please contact your table manufacturer to verify the applicability of a given release. Visit the Phoenix Software Updates page at www.hypertherm.com to download the latest version of Phoenix software.

These passwords are in effect only while the update takes place.

UPDATESOFTWARE – Allows updating software without opening the Special Setups screen.

UPDATEHELP – Allows updating help without opening the Special Setups screen.

UPDATEMANUALS – Allows updating of manuals without opening the Special Setups screen.

ENABLENETANALYZER – Use this password to toggle output 1 whenever a fieldbus error 62-2 (Missed update) occurs. This output can be used to stop the Hilscher netANALYZer when trying to collect frames on the fieldbus in ring-buffer mode. This functionality eliminates the need for technicians to continuously monitor a network for an error.

XPR firmware updates

The following passwords enable special options for updating eligible XPR firmware through Phoenix 10.13 or later using the File over EtherCAT (FOE) standard.



Automatic firmware updates are enabled by default unless the DISABLEAUTOFOE password has been entered. For more information, refer to Hypertherm Field Service Bulletin 810720.

DISABLEAUTOFOE – Prevents Phoenix from automatically checking for XPR firmware updates upon launching.

ENABLEAUTOFOE – Allows Phoenix to automatically check for XPR firmware updates upon launching. If updates are available, Phoenix prompts the operator to automatically apply updates.

CHECKFOEUPDATE – Allows the operator to check for and apply firmware updates to all XPRs on the EtherCAT network.