

AMNEST Version V4.0 Patch A-C Update (11/12/09)

NOTE

This is a cumulative patch file update for Amnest V4.0 that fixes the following problems for nesting.

BUG FIX:

Punch Nesting:

1. In the Tool Priority window a grid error was displayed when [Up] or [Down] button was used while an empty line was highlighted in the list.
2. Parts Preview of Parts Select window wrongfully showed "couldn't get sheet size" error for some of GCD/GMT parts and left ~NCTMP.PAR file in the machine parameter file folder.
3. Parts were overlapped by common line layout in some cases.
4. Invalid M600 (M700, M800 or M900) was added to the output code when M6xx (M7xx, M8xx or M9xx) with M13 was used in input parts program.
5. Slotting tool - System had output G00 at the end of process when the G28 pattern angle is -90 degrees.

Wheel Type Ribbing Tool (Wilson Wheel):

1. In the previous release, the Register of Wheel Type Tool M-code accepted 0 as an M-code number. When 0 was input, it caused missing AI angles in the AI Angle Sorting and they could not be sorted. In this patch, the system won't allow user to save the wheel type tool M-code when 0 is input.
2. Support input parts program with G00 in individual line.
3. Support feed rate code (F1-F4) input at the end of wheel tool process from parts program.

PR/PRUL Nesting:

1. In Last Hit Assign, dashed lines to represent SP tool shape were not displayed when tool angle is other than 0 degree.
2. Fixed a problem when nesting a non-PR part that is longer than machine table (x) size with a PR part => the post-processor displays a message "Edit Order - Fail to find

matching location" and the nesting fails.

3. Fixed a problem when nesting filler parts with PR parts while the number of filler parts entries are larger than the number of PR parts entries. User receives "Unable to find target file name in FileNameList.txt" after closing PR pickup order editor window then nesting quits.

BLS Nesting:

1. In the Choose Pattern, tool information windows were empty when BCP (BLS Common line Pattern) part was nested on a Windows Vista computer.

Laser Nesting:

1. In DXF parts nesting, the Wire-joint layer control did not work properly for some cases and it caused missing wire-joint in the output.

AIMS Nesting:

1. There was a problem with software license handling when running AIMS with PCL license manager.

ENHANCEMENT:

PR/PRUL Nesting:

1. "HNAME" data field with part name information has been added to SY2 file. "HNAME" is required by unloading layout edit function which will be developed in a future release of AMNC-IT scheduler.

NOTE

Ensure that Amnest software is closed and exited before installing the patch file. Also, it is always a good practice to backup your original files before installing/updating with new files. This update is designed to be installed to default installation path structure of Target Drive Letter\Program Files\AMNEST. If Amnest was installed to different directory path, please unzip self-extracting zip file to Temp folder and manually copy files to appropriate folder locations.

INSTALLATION INSTRUCTIONS (WIN 2000, XP, Vista):

- 1) Run Amnest_V400_PatchA_C.exe and enter "C:\\" in Unzip to folder. This will copy "AIMS2Dmodel.dll", "AIMS2Dutil.dll", "AIMSAtf.exe", "AIMSATFConfig.exe", "AIMSClean.dll", "AIMSOpTool.dll", "AIMSUtil.dll", "AmpCamdll.dll",

“APRPartModel.dll”, “Fnarmain.exe”, “Fsasrgcd.exe”, “LastHit.exe”, “LayoutEditorDataConv.dll”, “Nesting.exe”, “NestingAIMS.exe”, “Ngtoprc.exe”, “Nstsrsgcd.exe”, “PdeToolchange.dll”, “Prepro.exe”, and “ToolRegister.dll” to C:\Program Files\Amnest\Ample\FMS\Bin\ folder. Please substitute your hard drive letter for "C" as required.

2) When the Winzip Self-Extractor opens, ensure that "Overwrite files without prompting" is checked.

3) Select the Unzip button to unzip the files.

4) Double-click Amnest icon on the desktop to run Amnest.

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