



CDH/AutoSPOT V1.2.7a

Release Notes

September 2021

1. Enhancements and Corrections

CDH/AutoSPOT version 1.2.7a has introduced following enhancements:

- Compatibility support of output files created originally by CDH/Spot. CG_GRID file is now output by AutoSPOT. Comment lines in .lw_fem and .lw_rbe3 files are compatible to CDH/Spot.
- No empty .lw_fem and .lw_rbe3 files output in case of AutoSPOT failure.
- Improved on-screen message output by AutoSPOT.
- Improved free edge handling for edge connections.
- Introduced a new faster free face calculation for solid elements.
- Support of CPYRAM, CTRIAR and CQUADR elements for connections.
- Manual updated.

CDH/AutoSPOT version 1.2.7a contains following bug fixes:

- Errors were found for continuation lines in bdf files created by AutoSPOT, which resulted Nastran bulk data input errors. This has been fixed.
- Loss of accuracy for parameters in MAT1 was found. This has been fixed.
- Twisted solid elements were created in case of the same flange PID for seamline connections. This error has been fixed.
- Bug fix for input of ANSA vip2 format connection file.

Contact Information

For technical problems associated with CDH/AutoSPOT, please contact your local CDH office or send an email to support@cdh-ag.com.

CDH AG, 2021-09-13, <https://www.cdh-ag.com>