SECTION - Update information

Version 5.0.6

- Save error for Reinforced/British profiles now corrected

Version 5.0.5

- For built-up section, angle of principle axis corrected
- Screen adjustments for Win10 and 125 DPI
- Update Information available under help

Version 5.0.2

- Startup with HEA profile shows HEA0, corrected

Version 5.0.1

- Minor adjustments on screen
- Program adjusted to run on both 96 and 120 DPI screen resolution

Version 5.0

- Fonts on forms changed to Arial
- Theory and Verification manual can be opened from Help menu

Version 4.9.3

- Rail data (Ix) corrected for SJ34 and SJ33nya
- RHS data (Ax) corrected for jumbo RHS 500x300x20

Version 4.9.2

- Plastic section modulus for CFRHS-profile corrected

Version 4.9.1

- Calculation of Iy/Wy for C-profile (coldformed with radius) corrected

StruProg

SECTION - Update information

Version 4.9

- Direct link to homepage/E-mail from About form
- Download program from homepage

Version 4.8.3

- Property information for hot-formed – reqtangular profile (RHS) corrected on windows form

Version 4.8

- Calculation of plastic section modulus for z-axis added for Welded C-profile
- Plate+L and T profiles – updated/corrected calculation for plastic section modulus
- Radius of gyration calculation added
- New profile: Celsius 355 Ovals

Version 4.7

- Program compatible with Windows Vista
- Updated errorhandling, min thickness/width/height for all profiles is now 0.1mm

Version 4.6

- Additional profile types added to RHS profiles (500x300) according to EN 10210.
- In Project and Identification textstrings, all signs are now possible to have when saving and then opening the file.
- New profile – Unsymmetric box
- HP profile is renamed to BF (Bulb flats), ref EN 10067
- Revised calculation procedure for bulb flats
- Reinforced I-profile type 4, correction for calculation of Iz
- When opening a file, window form disappeared when focus was lost, corrected
- For single symmetric general I-profile, ez is now defined from top flange
- Subwindows is not limited to main screen, the windows is part of the full screen

SECTION - Update information

Version 4.5:

- New profile group introduced – "Reinforced profiles – based on 3 base profiles
- New profile group introduced – "British profiles" – based on 6 different H/I/U - profiles
- Result of Iyz is presented for profiles built-up type 1 - 3
- Arrow up/down/left/right possible to move around in the input tables
- Changed calculation procedure for Iyz for profiles built-up type 1 and 2.
- Minor changes to INP and UNP profiles, now based on information from Arcelor Profiles
- Graphic figure ("to scale") corrected for Stiffened plate with U-profile

Version 4.1:

- Minor adjustment to shear center calculation for non symmetrical I-profile
- Printer error (Profile data input thickness t = 8 for all profiles) for profiles RHS/CFRHS -rectangular

Version 4.0:

- Multy forms (profile types) can be opened
- Profile filename extension changed. All profile types have the same file extension (.sect)
- Section 4.0 compatible with Section 3.5 or less
- 7 new "old standard" profiles added as DIP, DIPEX, DIMEL
- New solid profile (built-up type)
- New railway rail profile
- Screen layout updated
- New Print heading
- All profiles can be drawn to scale or with detailed inforamtion
- Shear center calculated for Single Symmetric I-profile
- Y-Z-axis can be transferred to profil CoG for built-up profiles
- Up to three characteristic calculating points can be added to built up profiles
- Units and format can be changed for dimensions/properties and density
- Units dimensions/properties can be chosen from mm, cm, m, inch and ft
- Density can be chosen from kg/m3, t/m3, lb/ft3 and lb/inch3
- Perimeter area calculated for all profiles
- Corner radius given for RHS (cold and hot formed)
- Tab key is activated

Version 3.5:

- UPE-profile is based on new standard
- HSQ-profiles height h changed and coordinated with COLBEAM-program
- Plastic section modulus also calculated for general section, type "1"
- Up to 16 elements for general section type 1 and 2

- Profiles shown in color