midas Design+ is a collection of handy structural component design and detailing tools, which are easy to use and speed up the day-to-day design process. midas Design+ is developed to be simple, fast and accurate. It enables engineers to systematically and consistently manage design reports. midas Design+ provides high quality output and concise documentation, including drawings and a material quantity takeoff.
Next Generation Practical Engineers’ Tools

3 Key Features of midas Design+

Intuitive Graphic Interface for efficient design work
- Simple mode for individual components design
- Project mode for member groups by projects
- Compatible with CAD, MS Word & Excel

Interface with midas Gen
- Seamlessly integrated with FE analysis software midas Gen
  (3D structural analysis software for building and general structures)

Auto Drafting & Editing Functionality
- Auto-generation & Editing of member design results
- Built-in 2D CAD drawing functionality

Product Range

midas Design+ consists of a range of software modules for structural engineers to streamline the process of design and detailing into one design operation providing a competitive edge.

RC Design
- Slab
- Slab long term deflection
- Beam
- Beam long term deflection
- Column
- Column (Irregular)
- Shear Wall
- Shear Wall (Irregular)
- Spread Footing
- Basement Wall
- Buttress
- Stair
- Corbel

Steel Design
- Beam & Column
- Base Plate
- Bolt Connection
- Crane Girder
- Purlin & Girth
- Web Opening

SRC Design
- Composite Beam
- Column
- CFT Column

Code Design
- ACI 318-08, 11
- AISC-LRFD 05, 10
- Eurocodes

Structural component design & detailing tools
Simple Mode

Handle project changes easily and efficiently.

Project Mode

- Various reports
  - Detail member design
  - Table format member list
  - CAD format member list
  - Bill of materials

- Beyond simple components design, Project Mode generates high quality reports including BOM

Significantly improved usability by offering “Simple Mode” over “midas Set” in a similar work environment.

Check floor plans and intuitive design results swiftly using “Project Mode”.

midas Design
Total Solutions for Design & Drafting
Streamline the Everyday Design Process
– never been so easy & transparent

Accurate Calculation Results & High Quality Output

- Detail calculation reports for structural engineers
- Summary report with input data for checking
- Customization of the Word format report by the user

Interface with midas Gen

Seamlessly integrated with FE analysis software midas Gen.
(3D structural analysis software for building and general structures)
Integrated Management System for Design Results

midas Design enables the engineers to increase their efficiency and productivity with integrated project management of design results.

**Works Tree**

Using the various features of the Works Tree menu, the users can manage all RC design results systematically.

**Batch Design**

Design all the members using the Batch Design function.
Auto Reinforcement Drawing in DWG format

Beyond component design tools, midas Design+ provide high efficient productivity with powerful auto drafting.

Total Solutions for Design & Drafting!