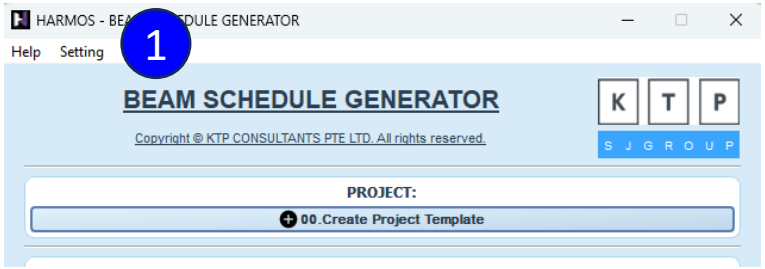
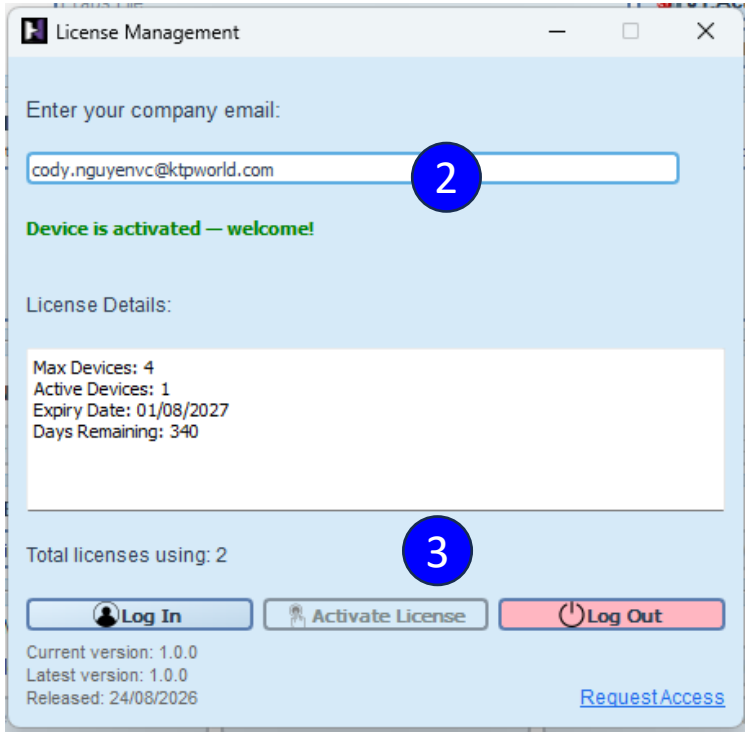
1. Before you start

What to do on day one





Get your licence

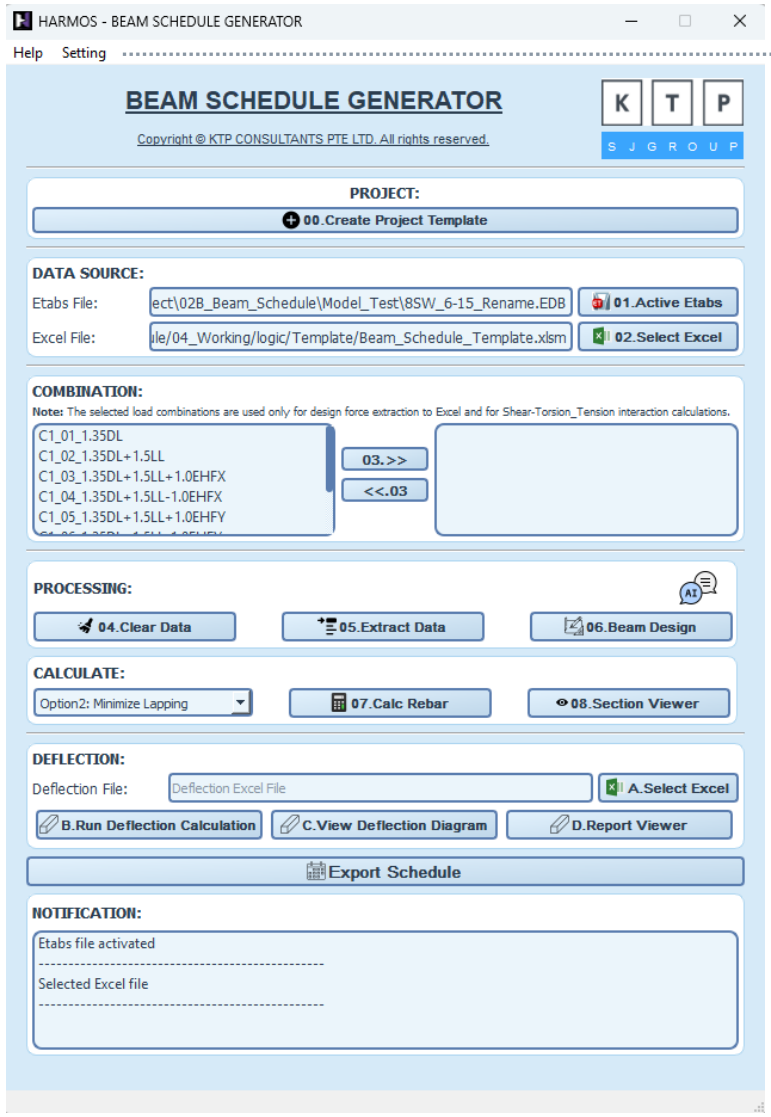
(1) Setting → License → Request Access. Outlook opens a ready-made email — add your name, team, then send.
(2) After approval, enter that same email.
(3) Press Activate License (once per machine), then Log In.

Prepare the ETABS model

Run both the analysis and the concrete design in ETABS before you start. Make sure **beam sections are rectangular**.
All beams in one continuous run must share the same Beam Mark — that is how HARMOS joins beams that were split in the model.

2. The interface

One main window, plus two pre-setting windows. Buttons unlock in order, so you simply work top to bottom.



Help — User guide, technical notes, licence, feedback.
Setting — Pre-Setting, Pre-Setting Deflection, Theme.

PROJECT — creates a new project Excel file.

DATA SOURCE — connects to your open ETABS model, then picks the project Excel file.

COMBINATION — choose which load combinations to design for and move to right box.

PROCESSING — extract the beam data out of ETABS and prepare for beam design.

CALCULATE — The software calculates the required reinforcement and allows you to review each beam individually.

DEFLECTION — runs the check, then opens the report or deflection diagram.

Export Schedule — produces the beam schedule.

NOTIFICATION — shows progress, warnings and errors while it runs.

3. Step by step

Follow the numbers printed on the buttons, 00 to 08

00

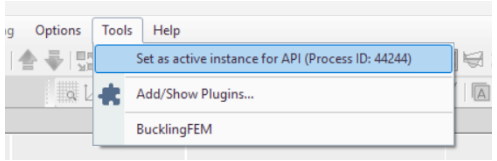
Create Project Template

Creates a new project Excel file. Skip if you already have one.

01

Active ETABS

Open your ETABS model first, then press this to connect.



02

Select Excel

Choose the project Excel file where the results will be written.

03

Select Load Combination

Choose the load combinations you want to design for.

04

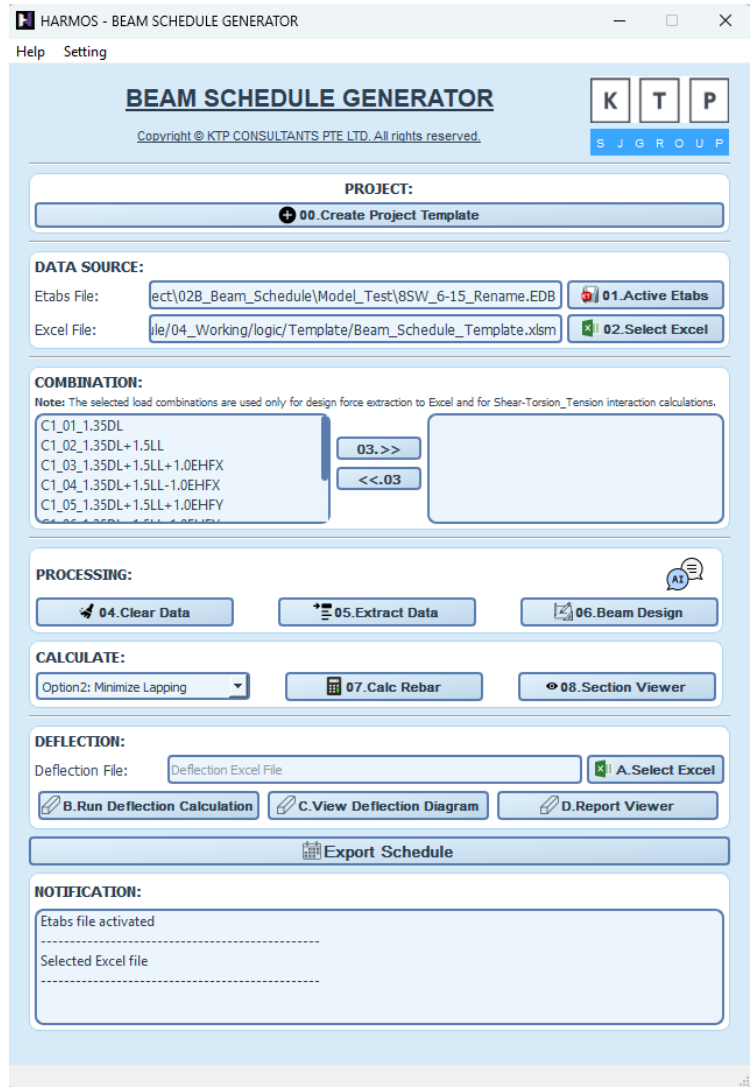
Clear Data

Clears the Excel data.

05

Extract Data

Select the beams in ETABS. Then click this button to export their data to the selected Excel file. Review and enter the beam markings in Sheet A of the Excel file.



3. Step by step (cont.)

Follow the numbers printed on the buttons, 06 to Export

06

Beam Design

Prepares the design data in the B_BeamDesign sheet in Excel. Change the design settings if needed.

07

Calc Rebar

HARMOS will compute the rebar based on As,req.

08

Section Viewer

Select a beam row in Excel, click this to view beam section with rebar.

A–D

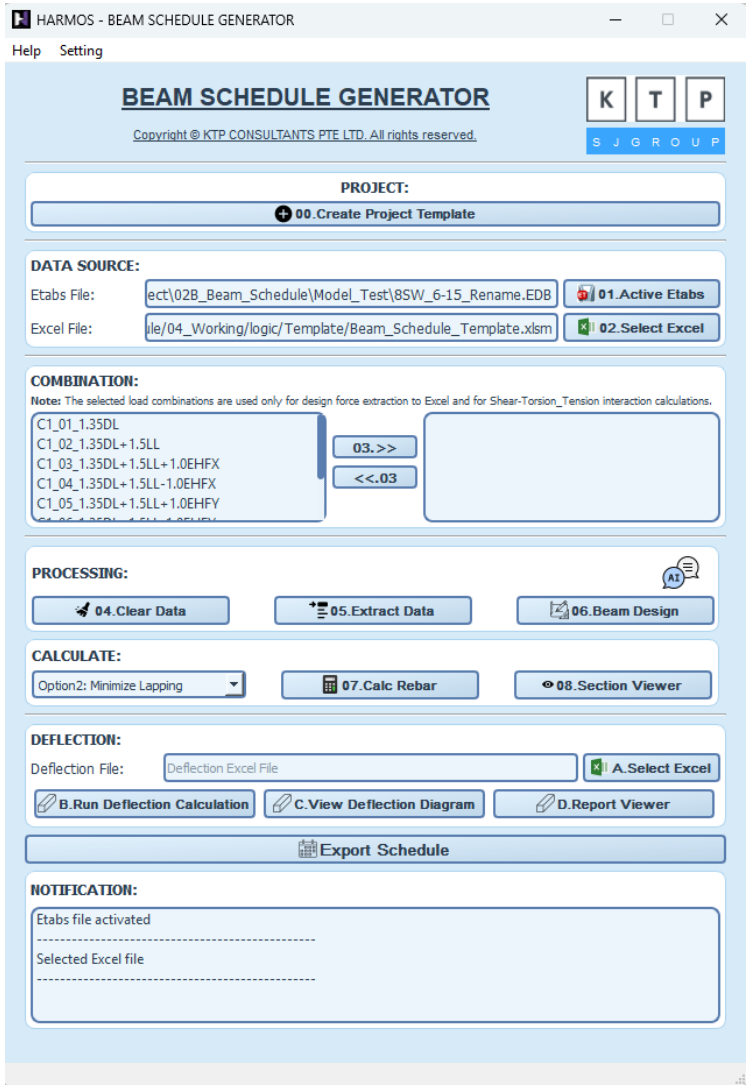
Deflection

A: pick the file. B: run the check. C and D: view the report or deflection diagram.

→

Export Schedule

Once all checks pass, export the beam schedule — ready for drafting.



K T P 4. Let's get started. Have fun

Stuck? Ask the AI Assistant inside the app. 

Found a bug or have an idea? Help → Feedback opens an email straight to the development team.

HARMOS is an aid — every result still has to be checked by the engineer.