**Instructions**

It’s a bit of a pain using Advance Steel’s User Interface, hence this tool.

**Video Demo:**

* <https://vimeo.com/manage/videos/537535500>
* **Command: CTB**

**How does it work?**

1. A user specifies the beam section to be used, along with the corresponding “table name” – as required by the Advance Steel API, in a CSV file, along with the layer name.
2. You will have a dwg file (not necessarily and advanced steel file) with lines drawn on it, with layer names corresponding to the layer names (exactly) specified on the CSV file.
3. Any lines drawn on that layer will be converted to that advance steel beam.

**Instructions**

* Create a CSV file with your members and the layer names they will be on.

Graphical user interface, application, table, Excel

Description automatically generated

1. Create a dwg file with straight lines only, placed on the layer names specified in the CSV file.
2. Open up Advanted Steel. Run the command: “ASTORLOADASNETPLUGIN”.
3. Find the “AdvancedSteelCSV.dll” file.
4. Now run the command: **“CTB**”.(Convert to Beams).
5. We will look for the MEMBER-SCHEDULE.csv in the same folder that the drawing file is in.
6. All your lines should now be converted into AdvancedSteel beams. If a line has not been converted, please check your CSV file. Also check the console window for any warnings or error messages that may have come up.

**Warnings:**

* A huge premium is placed on correct data validation. IF you write the wrong section with the wrong table, or the wrong layer name --- it’s not going to work: your CSV file needs to be perfect.
* If your CSV file specifies two sections