

Dimensioning:

The Machine Layout Drawings (MLD), found on the specific machine page of the Haas website, lists the travel limits and clearances for each machine model. You can use these dimensions to constrain the models as desired. The model will import with all axes at home position, but it is recommended to double check the default axis locations against the MLD, as the MLD is the most up to date document and will reflect any minor changes after the model release.

File Naming Convention:

The machine model, file type (STEP/X_T), and revision can be gathered from the file name. The file name is written as Model_FileType_Date-of-Release (Date-of-Release is the revision level)

Examples:

ST-30Y-35Y_XT_2020-03.x_t = ST30Y and ST35Y machines, in X_T Parasolid format, released March 2020

Formats:

HAAS provides machine models in both STEP and X_T Parasolid formats. Each set of files, including this readme file is contained in a single ZIP file. The files must be extracted to be usable. Most modern CAD and CAM systems will import either format. Use the format preferred by your CAD/CAM vendor. If there is an import issue with one type, try the other.

Configure your model to match your machine:

All machine configurations are all included in the model and are initially visible to simplify the number of downloads required. By default there may be multiple Tool Changers, Turrets, Tables, Chucks, Spindles, Swing Envelopes, or Work Envelopes visible, plus other options such as a Tailstock, Sub Spindle, P-Cool, or Rotary Tables. Suppress, hide, or remove the appropriate components to match your specific machine configuration. The exact method to do this will depend on your CAD/CAM system. Consult their reference materials if you are unsure how to do this.

Workholding:

No workholding is included. Individual work-holding vendors can provide appropriate models.

Note: The public model is made with the best available engineering model at the time of release. Haas constantly improves our machines and your exact machine may be slightly different than the public solid model. If you are using the public model for application feasibility or justification, it is recommended to confirm all critical features or measurements with your local salesman before placing an order.

If you have read this document and still have questions, please contact your local HFO's Applications team