

*MAXVEL Software User Guide*  
**Modeler QUICK START**

This page is for those that want to get started fast and have experience using the HTR2 Robot. If you want more background and information on the MAXVEL Modeler, please take the time to read the rest of MAXVEL User Guide. Before you post a question on our Discussion Board, or send me an email, be sure to read the entire guide – chances are good that most of your answers are in there.

The Modeler detects WINNERS only and is designed to rapidly assess prevailing win bias among any of the following items: Velocity factors, PAC-PER, (K), HTR-consensus, PL modes (0-8), Variant choices, post-position and running style. Let's get going!

1. Load all your files when starting the MAXVEL as you would if using the Robot or PPX in HTR2. Select the [Modeler] button from the bottom of the main screen.
2. You have four choices for Modeling and Testing →

**[Full Stats]** = Robot type printout of complete stats found in the MAXVEL.

**[Run Modeler]** = For use with user setup of filters on the screen. Select a track and manipulate the various options as you would do in the Robot. New ones on this screen include the VI and Purse range settings.

The key tool in the Modeler is the unique automatic race-by-race filtering to the point of handicapping directly with the output with a current race in view →

**[Race Analysis]** = A list of tracks and races for the date chosen (from the main screen) are shown in the box above this button. You do not need to set the filters, it is automatic with this function, it will select the track/distance/surface for the selected race.

The **[Race Analysis]** screen will match the most recently run 20 race winners and display the Model results (see RATING below). The entrants for the selected race and their rankings are shown at the top, so you can use this feature for instant handicapping of current races.

**[Model Selected Race]** = Similar to the above except that an archived list of the most recent winners for the race type is shown instead of the field for the current race. Automatic filtering.

The Modeler runs quickly with the race analysis options. The default test-days is set = 30, but you can adjust it more or less according to data needs with the “Days Back” box. Try all PL modes and the VAR option to find the best results when handicapping a race.

Output

**RATING** = this is the key output for understanding the data. The Modeler has a sophisticated algorithm that senses the strength of the rankings for the winners (including field size) and rates each of the 13 MAXVEL factors. The score can be understood on a scale of 10-99 as follows →

- 99 - maximum rating, all the winners were rank = 1, 2 in this factor
- 80 – very strong
- 70 – excellent prediction
- 60 – good prediction
- 50 – fair prediction, mixed results
- 40 – weak prediction
- 30 – negative factor, most winners are rank = 4 or worse in this factor
- 10 – lowest possible rating, none of the winners needed this factor to win

**PP Bias** – Shows “None”, “Inside” or “Outside” if a post-position bias is detected.

**RS Bias** – Displays “Early”, “Late” or “None” (mixed results) according to the predominant running style for winners matched in the model.