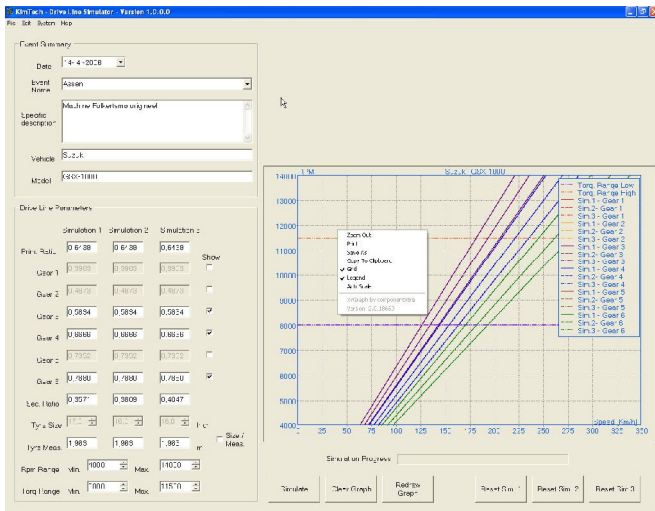


Drive Line Simulator

Product information



Introduction:

Simulate your motorcycle on your PC and see what happens if you change your drive line components like: drive line tooth wheels, drive line ratio's, tire sizes and so on. The **Drive Line Simulation software** is developed for individual drivers, motorcycle dealers, motorcycle specialists and racing teams of all kind of motorsports.

Nowadays you can adjust many settings on a motorcycle. One of the major settings is the adjustment of the drive line as this defines largely the ease of driving.

The **Drive Line Simulation software** allows you to simulate the complete drive line of your motorcycle, so you can see the effect of changes to the drive line even before you made any mechanical changes. Parameters which can have an influence are the primary ratio, gear box, secondary ratio and even your choice of

tires. By changing the various parameters the drive line behavior can be simulated and will be displayed graphically. The driver gets immediately in-sight in the expected behavior of his machine. There is no dedicated knowledge needed to do the simulation as all the results are displayed graphically.

The Drive Line Simulator allows you also, besides the simulation data, to keep track of event data. So you can track and trace event information together with your drive line settings for that event. This avoids long "trial-and-error" sessions, as you simply recall previous settings from an earlier equal event. It doesn't make any difference whether your motorcycle has belt, chain or cardan drive line. It can be used for all type of motorcycles.

For dealers it is now possible to advise their customers even better. By means of the PC simulation you can make it very easy visible to your customers what happens if you select other tooth wheel settings or change the tires.

For racing teams it is now possible to simulate on the racing track (pit box)! You gain a lot of time avoiding useless test sessions and focus on those things which are relevant. Your race preparation is much faster and more consistent. This software is a must have for each racing team.

The following functions are available :

- Track and trace of all event data
- Simultaneous simulation of three different settings with graphical display of results
- Adjustments of all drive line ratio's, gear box, primary and secondary ratio's
- Tire size setting
- True tire size radius setting

- RPM range setting
- Torque range setting
- Reset of all three individual simulation
- Calculation of true speed
- Graphical display of drive line behavior for one or more gears
- Graphical zoom in/ zoom out
- Cut and Paste option to other programs like Word or other applications
- Printing option: data, graphs and screen hardcopy.

The software runs on any laptop or desktop PC with Windows XP Home edition or Windows XP Professional edition.

The Drive Line Simulation Software is delivered on CD with license. All documentation is on CD and is accessible via the Help function in the program. The installation is easy through a guided menu.

Delivery:

Software CD	√
License Key	√
Manual (PDF format)	√