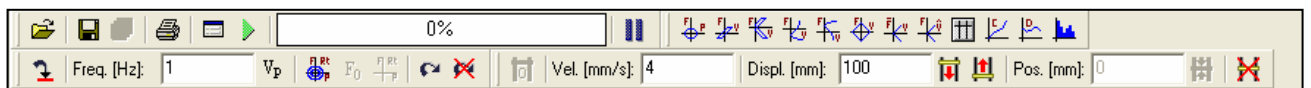


PRONELLO

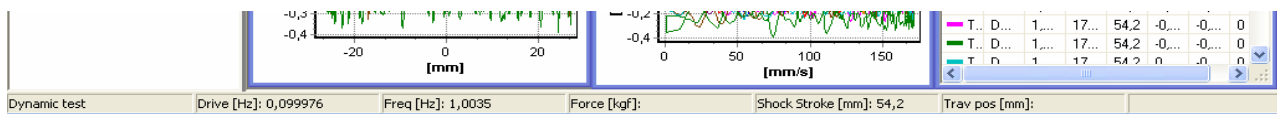
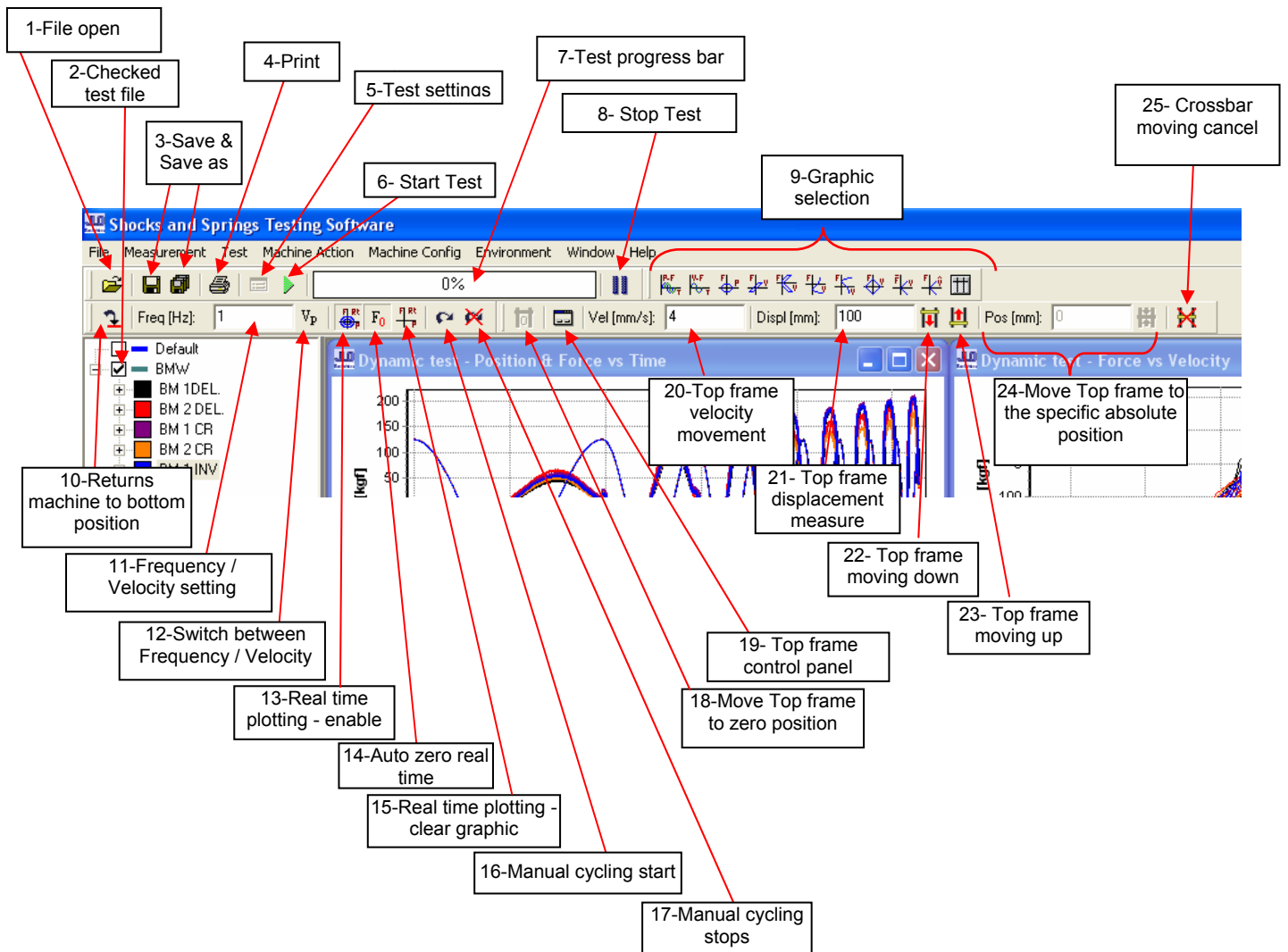
SOFTWARE OPERATION HANDBOOK

Chapter 2

COMMANDS AND INFO BAR



INFO BAR

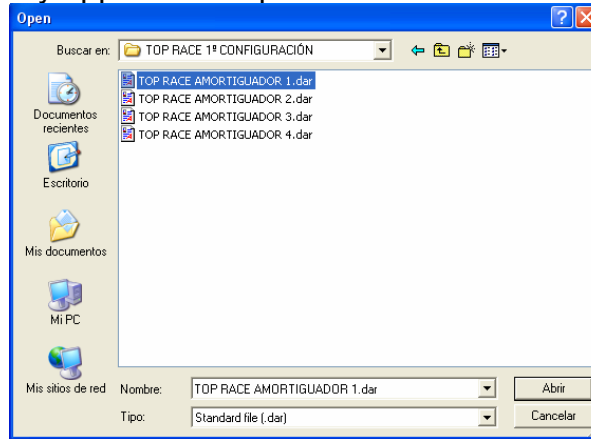


During tests the *STATUS BAR* will display the following:

- AC Drive frequency & Shaft frequency,
- Stroke,
- Force,
- Shock stroke,
- Load cell crossbar position.

2-1- File Open:

To open a test file, they appear in the presentation tree. The extension type is: *.dar



2-2- Checked file:

Indicates which of the open test files will be used to run and store new test runs. The test configuration of the indicated file will be used and the new run will display as graph in this file.

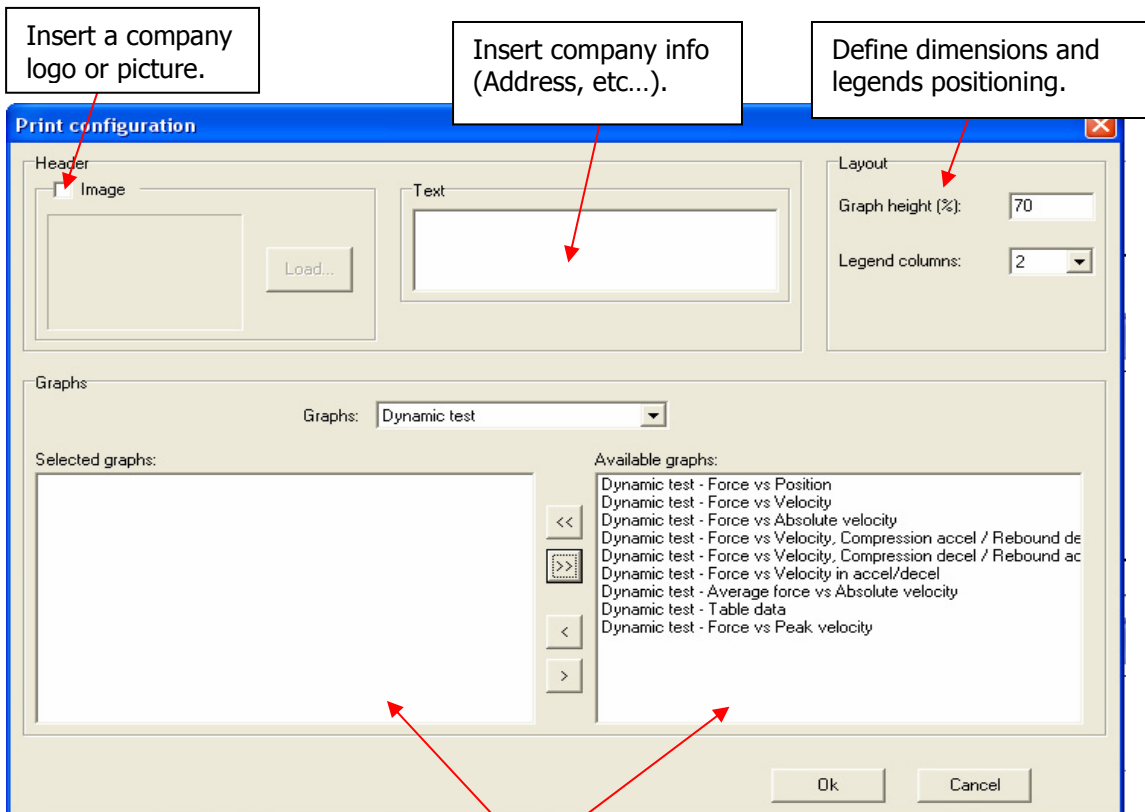
2-3- Save & Save all:

Save: Saves the current checked file, if Default is checked, you will be forced to “Save as”.

Save all: Saves all the opened files.

2-4- Print:

To print graphs or tables.



You can select the graphics you want to print. Hidden graphs WILL NOT print.

2-5- Test configuration:

Opens the test configuration menu, the same window can be opened by right clicking over the Default file. (See Section 1-3 Test)

2-6- Start test:

Starts the test. The performed test will be inserted on the checked Test File.

Note: Always be sure that the machine is in the bottom position and that the damper is properly installed.

2-7- Test progress bar:

The system shows the progress of each frequency step during a test.

2-8-Cancel test (Pause button):

Stops the test and returns to the bottom position. To stop the test in an emergency, press the "Esc" key on the keyboard.

Note: Using the "Esc" to stop a test will NOT return the machine to the bottom position.

2-9-Graphic selection commands:

Shown here are icons representing each of the graph types selected in the Options for dynamic tests.

(See Section 1-6-1-e Options for dynamic tests  Settings)

2-10- Return to bottom position:

Returns the machine to the bottom position.


2-11- Frequency / Velocity setting:

Sets the frequency or velocity used during manual cycling.

2-12- Switch between Frequency / Velocity:

Sets the unit, frequency or velocity, used during manual cycling. If selected velocity is used, if not, frequency is used.

2-13- Real time plotting enable:

When selected, all the graphs chosen in the Options for dynamic tests  Settings menu are plotted in real time during a manual cycling.

(See Section 1-6-1-e Options for dynamic tests  Settings)

2-14- Auto zero for real time data:

If checked, the real-time plot will run with the automatic zero strategy configured in the "Machine Parameters" menu (See Section 1-5-1)

2-15- Real time plotting clear:

Clears the graph area during Real Time plotting.

2-16- Start running Arrow:

The machine runs at the indicated frequency/velocity.

2-17- Stop running Arrow:

Stops the test and returns to the bottom position. To stop the test in an emergency, press the "Esc" key on the keyboard.

Note: Using the "Esc" to stop a test will NOT return the machine to the bottom position.

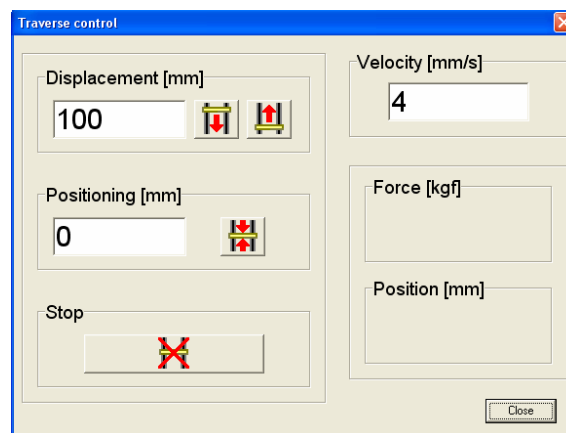
2-18- Move top frame crossbar to zero position: (if absolute position is enabled)

Pressing it, the top frame will travel to the end of stroke switch (zero position).

Note: For this option, the machine must have an end of stroke switch connected to the data acquisition system. This appears if the absolute position is enabled.

2-19- Top frame control panel:

Opens the Top frame control window



Also, load cell crossbar movements can be controlled through the keyboard using the up and down arrow keys and the displacement entered in the crossbar control window.

2-20- Top frame velocity movement:

Actual top frame moving velocity.

2-21- Measurement displacement:

Distance the top frame will move up or down.

2-22- Top frame moving down:

Moves the top frame DOWN the distance entered (2-21), and at the velocity entered (2-20). To stop the top frame, press the "Esc" key of the PC keyboard or the Stop button (2-25).

2-23- Top frame moving up:

Moves the top frame UP the distance entered (2-21), and at the velocity entered (2-20). To stop the top frame, press the "Esc" key of the PC keyboard or the Stop button (2-25).

2-24- Move top frame to the specific absolute position: (if absolute position is enabled)

The top frame will move to the entered position.

Note: For this option, the machine must have an end of stroke switch connected to the acquisition system. This option only appears if absolute position is enabled.
(See Section 1-5-1-b- Static Test)

2-25- Stop top frame movement command:

To stop the top frame, press the "Esc" or the Stop button.