Welcome to O-Pitblast!

Let's take a look at the principal functionalities of O-Pitblast.

Step 1 of 23
O-Pitblast Modules

In this tab you can navigate through all modules included in O-Pitblast.

Step 2 of 23
Tool Box

Here you can change visual aspect of O-Pitblast.

Step 2 of 23
Lateral menu

Here you can hide/unhide information that appear in O-Pitblast.

Step 2 of 23
Import Terrain

You can import your terrain X, Y and Z coordinates. You can use .dxf, .csv and .txt files.

Step 3 of 23
Define your X, Y and Z columns and separator, e.g. comma, space, etc.

Select Data

Step 4 of 23
Click on “Import Data” button to proceed with the importation.

Step 5 of 23
Add boreholes

Create individual boreholes.

Step 6 of 23
Pattern Creation

Create your pattern based on geometric inputs.

Step 7 of 23
Pattern Creation

Choose your burden, spacing, number of rows and azimuth and click on the “Ok” button.

Step 8 of 23
Add charge

Add charge to your holes by selecting this tool and then click in one hole.

Step 9 of 23
Add charge

Choose the quantity of elements. Then, select the explosive type and quantity.

Step 10 of 23
Add charge

Apply the charge to All Holes, or a specific type.

Step 11 of 23
Timing: Non-Electronic

Select your surface and in-holes detonators.

Step 12 of 23
**Timing: Non-Electronic**

Select “Add Timing”. Drag the mouse between holes to connect.

Step 13 of 23
Timing: Electronic

Select your type of connection: direction vector, center lift or time tool (similar to non-electronic connection).

Step 14 of 23
Timing: Electronic

Select your Burden Relief Burden, Burden Relief Spacing, Angle and Azimuth. Drag the mouse over the blast to create timings.

Step 15 of 23
Import sismographic data.

Step 16 of 23
Choose your seismographic parameters and import the information.

Step 17 of 23
Save your attenuation law based on imported values from sismograph.

Step 18 of 23
Map Module

Select your Hemisphere and UTM Zone.

Step 19 of 23
Add a new structure by selecting this tool and clicking on the terrain.

Step 20 of 23
Add structure

Fill up the fields to create a new structure.

Step 21 of 23
See critical zones

Check the "boxes" to see your PPV predictions, critical blast zones, charge limits and clearance zone.

Step 22 of 23
Doubts and questions?

Just e-mail us: info@o-pitblast.com!

Step 23 of 23