



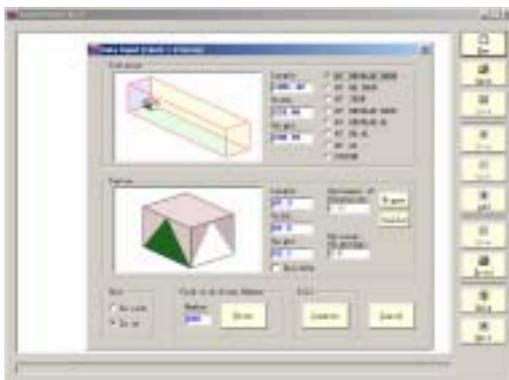
What is SmartPacker

- ◆ A software package for shippers and carriers
- ◆ Averagely improves the space utilization of cargo containers by 10%+
- ◆ Eliminate the uncertainty during logistics planning
- ◆ May be used in other cutting/packing applications

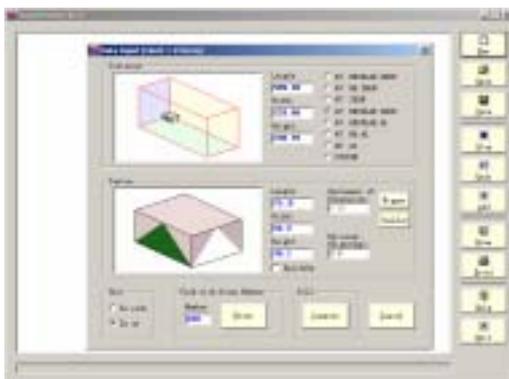
How to use SmartPacker:



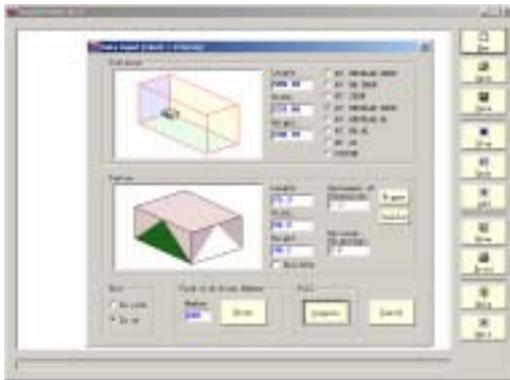
1 After starting the software, you can see the white illustration area, a button panel on the right, and a progress bar at the bottom.



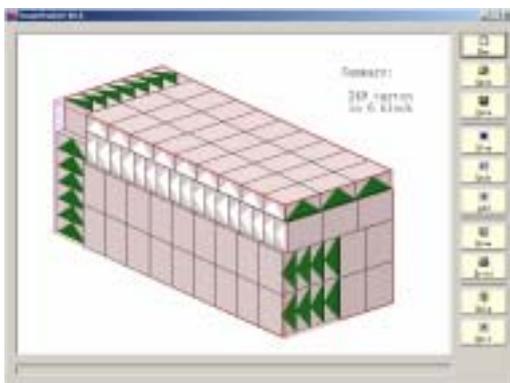
2 Click the “New” button, and update the values in the popped window.



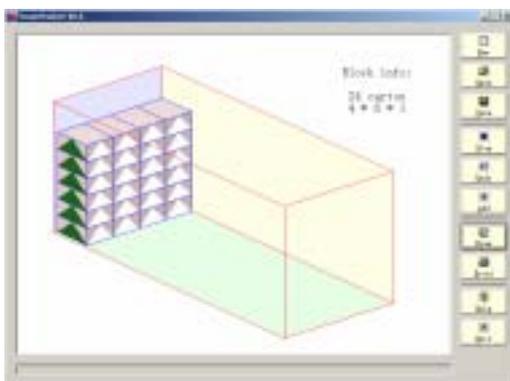
3 To define the container, you can choose one of the standard containers, or you can also set customized container. You need provide the length, width, and height of the carton, as well as whether it could only be placed upside up, etc. A green triangle denotes the front surface of carton, while a white triangle denotes the side surface.



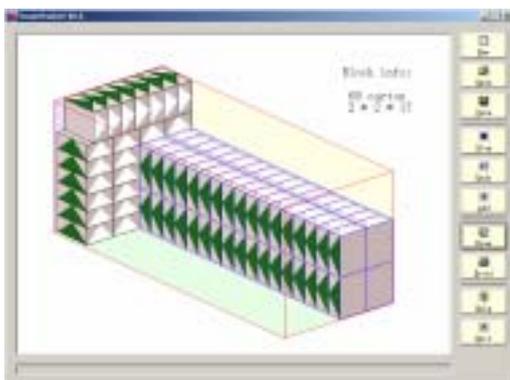
4 Choose one of the computing mode. For example, if you want to load cartons as more as possible, click the “Compute” button in the Fill frame.



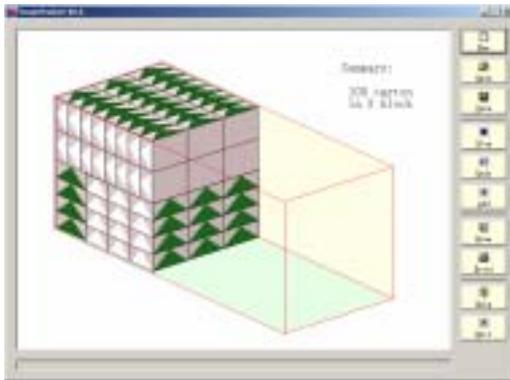
5 Smartpacker then compute and provide the illustration for the optimum packing pattern with maximum carton number.



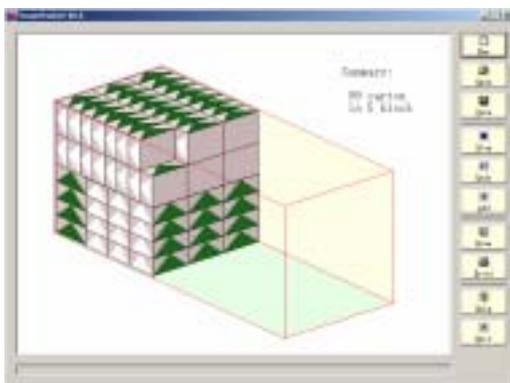
6 For a given packing pattern, you can get the details by clicking the “Draw” button, the layer number of each carton block in 3 dimensions will be provided.



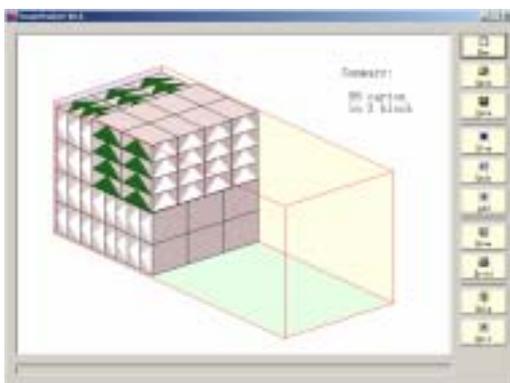
7 After click “Draw” for 3 times, the third block in the packing pattern is illustrated.



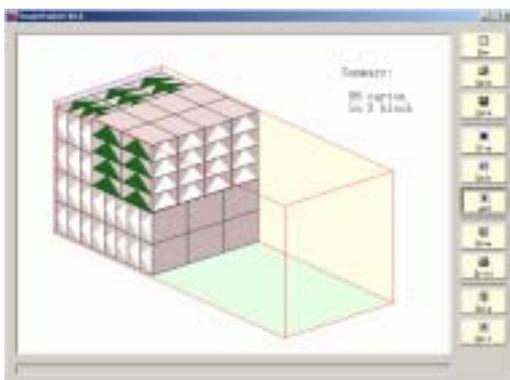
12 The packing pattern of minimum container length.



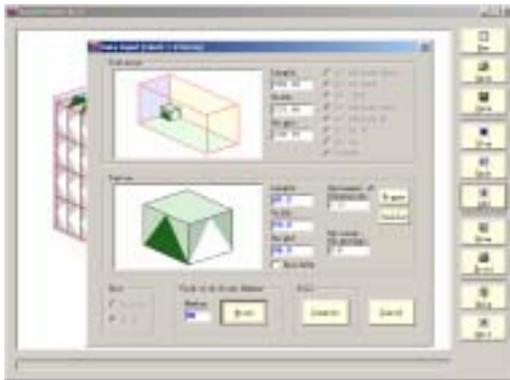
13 Change carton number from 100 to 99 and re-compute, a carton will be got rid of compared with the previous pattern.



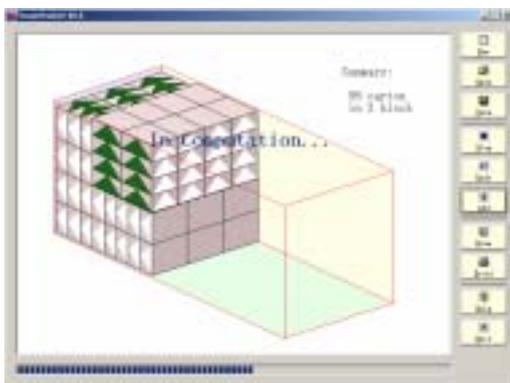
14 Then how about 98 cartons? The packing pattern will be different dramatically, because now a smaller container length can contain 98 cartons.



15 Click "Add", then you can add cartons of different type into the container.



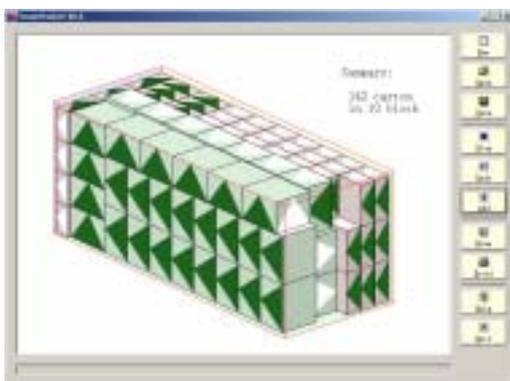
16 Notice this time the popup window will make container size fixed, and use another color for the second type of carton.



17 To optimize packing patterns of multi carton type will take longer time. The progress bar at the bottom will show you the progress.

As a rule of thumb, the smaller the carton compared with the container, the longer the computing time.

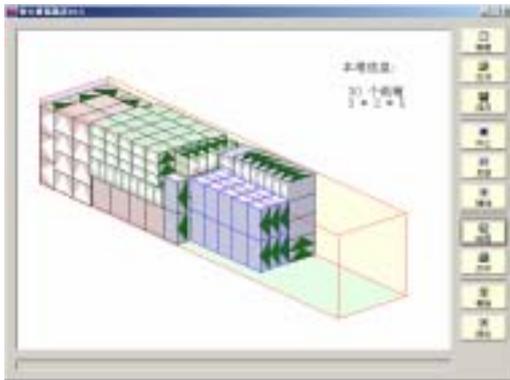
Click "Stop" button can get you the hitherto optimum pattern.



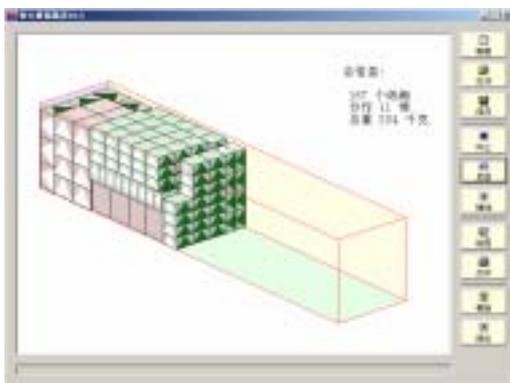
18 When the remained container space is not enough to contain the other batch of cartons, SmarPacker will provide the pattern with maximum number of the other type of carton.



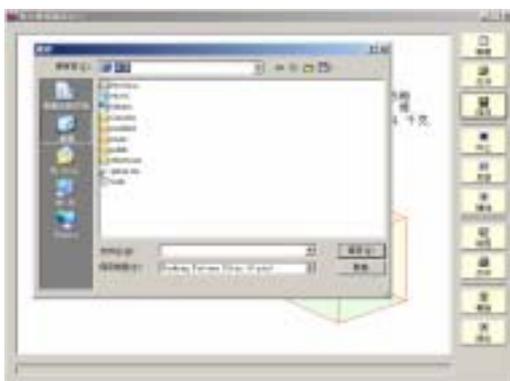
19 This is a optimum packing pattern for 4 types of cartons in a 40 feet container.



20 Clicking the “Draw” button can get you the details. Notice SmartPacker V2.5 only optimize and collate neighboring cartons, that means a batch of cartons will always remain together along the length of container.



21 “Undo” button is to cancel the previously added batch of cartons. For the pattern shown in 19, if you click “Undo” twice, you will be back to the pattern of the primary two batches of cartons.



22 “Print” button enable you to get hard copy by printing. For the “Open” and “Save” functions, please know the data files working with SmartPacker have “.ptn” file type.