

Mining Simulator: User Guide

File – Contains new button which will start a new instance of the program. Contains Close also. View – Contains a button that takes you to this user guide

Return button will take the truck from the queues and puts it back to inactive, granted that the truck selected is on the top of the transit to loading queue.

These text boxes will display the trucks details. Once clicked once it will populate the boxes with information about the truck.

The screenshot shows the 'Mining Truck Simulation' window. It features a menu bar with 'File' and 'View'. Below the menu is a table of trucks with columns 'ID' and 'Status'. The table lists trucks 100 through 113, all with a status of 0. To the right of the table is a 'Return' button. Further right are three text boxes for 'Truck ID', 'Load Capacity', and 'Total'. Below these are radio buttons for 'Truck Status' with options: Inactive, Transit to Loading, Loading, Transit to Crusher, Crusher, and Service. To the right of the radio buttons is a 'Servicing' section with a large empty box and a 'Service' button. At the bottom are four queue boxes: 'Transit to Loading', 'Loading Queue', 'Transit to Crusher', and 'Crusher Queue'.

ID	Status
100	0
101	0
102	0
103	0
104	0
105	0
106	0
107	0
108	0
109	0
110	0
111	0
112	0
113	0

Return

Truck ID Load Capacity Total

Truck Status

☐ Inactive
☐ Transit to Loading
☐ Loading
☐ Transit to Crusher
☐ Crusher
☐ Service

Servicing

Service

Transit to Loading Loading Queue Transit to Crusher Crusher Queue

These radio buttons will tell you what the current status of the selected trucks is.

The service section is selected where the trucks will be placed when selected and are at the top of the Transit to loading queue or inactive.

List of trucks. Double Click on a truck to enter it into the transit to loading queue. Single click will allow you to view the trucks details in the text boxes to the right.

These boxes represent the trucks status and contain queues. Clicking on one of these boxes will cause the truck on the top of the queue to be moved to the next queue. This will continue until the truck is returned to inactive.

Double click a truck in the main list box to enter it into the queue.

Mining Truck Simulation

FileView

ID	Status
100	3
101	0
102	2
103	3
104	3
105	1
106	1
107	0
108	4
109	0
110	4
111	1
112	0
113	2

Return

Transit to Loading

111	1
106	1
105	1

Loading Queue

102	2
113	2

Mining Truck Simulation

FileView

ID	Status
100	2
101	1
102	2
103	0
104	4
105	0
106	3
107	0
108	4
109	0
110	3
111	0
112	2
113	0

Return

Transit to Loading

101	1
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Loading Queue

112	2
100	2
102	2

Then you're free to move the trucks into the next queue by clicking the listbox "Transit to loading".

Transit to Loading

112	1
111	1
110	1

Transit to Loading

Loading Queue

112	2
111	2
110	2

Continue to do this to move the truck from the top of the clicked queue to the next queue.

Transit to Loading

111	1
106	1
105	1

Loading Queue

102	2
113	2

Transit to Crusher

104	3
100	3
103	3

Crusher Queue

108	4
110	4

The Trucks move through the queues like so...