

Bulk Material Transport and Handling System
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Lecture – 53
Load Haul Dumper

So, welcome to the discussions of our transportation machinery for underground mines. In our last class, we discussed about the low profile dumper. Now this, along with the low profile dumper, there is another class of machinery which is used. I told there LHD and SDL. That is the loader, but basically in underground you need to use some loader which will be loading the material to a dump truck.

So, this load haul dumper is a basically a loader and it is just like a front end loader this load haul dumper or that there is another machine which is called side discharge loader which is also a machine having a front bucket by that it just scoop the material which is blasted. And then take it over there if it is to given on the load haul dumper on the side it will be there. So, in that bucket there will be a chain so, that when this will be placed over there on that and then the material will be falling on to this.

So, that is a side discharge loader by the side. And the load haul dumper they will be having a front bucket and then it will be just dumping over here. So, we will be discussing these machines today.