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ABSTARCT

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	The main aim of this project is to fabricate a Can Crusher machine to reduce the scrap volume and use the Cans so that carrying them to the recycle site becomes easy. Now-a- days, a large number of cans are used in hotels, canteens etc. and a large volume of space is required for storing or dumping the used Cans. This project includes fabrication of a Can Crusher using single slider crank mechanism which will reduce the volume of cans at least 70%. This report demonstrates the necessary calculation, assembling and fabrication of the machine. Under this project work, two Can Crushers have been constructed. The earlier one, made during the period of 7th semester was manually operated. The model is then upgraded to an electrically operated one. Finally, a comparison between the two Can Crushers, i.e. manually operated and electrically operated, is made, regarding their efficiencies, cost of construction etc.	

Keyword: Pneumatic, Can, Crusher