

Development of an efficient screening unit in the process improvement of rice flour industry

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One of the major problems of rice flour industry in Sri Lanka is un-available of efficient flour sifter for medium level producers. The available medium level flour sifters have low capacity or more maintenance. This will reduce the production capacity and hence increase the cost of production of rice flour Therefore, IPHT has developed energy efficient high capacity vibro flour sifter for industry. This will effectively increase the capacity of process line and hence reduce the processing cost. Then the price of rice flour could be reduced. The flour sifter contained two vibro motors and sieve. Rubbers mount or bumpers are used to control the unnecessary vibration. The screen with frame is attached to the heavy frame or stand to bear the vibration of the screen.