



CASE STUDY - RUBBER MIXING & FEEDING SYSTEM

A processor of recycled rubber contacted S. Howes to see if it could build a system to automate and improve the quality of its ground rubber. S. Howes designed a system to move the rubber from a self-unloading hopper to a screw conveyor to a batch mixer where liquid was added to the product for more thorough mixing. The material was then

mixed and discharged to a horizontal roller conveyor where it was boxed and sent on for further processing. By automating the system and improving the mixing of the material, the company achieved significant operator savings and was able to produce a higher-quality, more consistent product in less time.



Components:

- 70 cu. ft. Self -Unloading Hopper
- 9" Dia. Inclined Screw Conveyor
- Model M-244 Ribbon Batch Mixer
- Liquid Ingredient Addition System
- 6" Dia. Horizontal Screw Conveyor
- Product Weighing System
- Horizontal Roller Conveyor
- Integrated Control Panel

Photos and drawings are not intended to show or suggest use or non-use of any operator protection systems

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