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Design, Development and Analysis of Double Shaft Pugmill Mixer

Safwan Nakade¹, Rushan Naglekar², Anas Nawde³, Zeeshan Wadkar⁴, Dr. Milind Kirkire⁵

U.G. Students, Department of Mechanical Engineering^{1,2,3,4} Head of Department, Department of Mechanical Engineering⁵ Finolex Academy of Management and Technology, Ratnagiri, India

Abstract: When it comes to mixing bulk solids, few industrial mixers can compete with the double-shaft pugmill mixer. Often chosen for its ability to create a homogeneous mixture from both wet and dry ingredients, the pugmill mixer offers a versatile solution capable of processing everything from sludges to powders, and nearly everything in between. The high torque, combined with the kneading action imparted by the double shafts is especially ideal when it comes to heavy-duty applications. This paper provides an indepth exploration of the doble shaft pugmill mixer, its design principle, advantages, and application, offering into its role in optimizing industrial logistics and manufacturing processes.

Keywords: pugmill mixer, costing, Mechatol Engineering Pvt. Ltd

