



APPLICATION OF MILLER-TYPE CONTINUUM WORKING BODIES IN CLEANING CONCRETE-LINED IRRIGATION CANALS

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Abstract. One of the urgent problems of our time is meeting the water needs of agricultural plants, which is directly related to SDG 2: Zero Hunger. To do this, it is necessary to maintain a stable capacity of irrigation canals, prevent water losses and siltation, in line with the principles of SDG 6: Clean Water and Sanitation. To prevent water losses, concrete coatings are applied to the earthen channels. However, concrete-coated irrigation canals are subject to silting up during operation. The article presents the creation and study of a milling-type continuous working body for cleaning irrigation canals with a concrete coating from silt and weeds. The design and technological parameters of the working body have been determined and checked by research.

Communicated by Editors; Received September 17, 2025

AMS Subject Classification: 70B15, 90B30

Keywords: silt, milling cutter, concrete coating, canal, disc, shovel, elastic element, SDG 2, SDG 6.