

MANAGEMENT CONTRIBUTION OF THE MOULDS PROGRAMMING MADE ON INJECTION EQUIPMENTS

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When footwear soles are made, using injection on portative equipment with "n" working posts, it is very important the positioning of the moulds on the working posts. The paper presents some calculation formulas and algorithms used in scheduling of the moulds stock, for using optimization of these equipments productive capacity. The portative aggregates used in footwear soles manufacturing are very complex equipments and they are a permanent problem of the specialists which working and researching in the field. The Paper presents some theoretical and experimental results of the authors' researches. Portative equipments used in footwear soles manufacturing have some working posts, always an even number (6,12,...,40), depending on productivity. There were made theoretical and experimental researches of the moulds distribution on the working posts; so, all the working posts must be used in on equilibrated way. There was studied a great variety of equipments. The results are some calculation formulas, programming algorithms and concrete solutions in using of the moulds used in footwear soles manufacturing. The research results are used in academics didactic activity, in the researching and manufacturing of the footwear soles. The paper presents the authors' solutions in management on the moulds programming, when these are used in footwear soles manufacturing, using injection equipments.

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