

RESEARCH INTO ENERGY CONSUMPTION AND EFFICIENCY OF BREAD PROCESSING UNITS WITH FOCUS ON BREAD OVENS

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Abstract: The paper presents the energy balance of bread processing units, emphasizing both losses and possibilities to decrease energy consumptions. There are considered various bread ovens, equipment for raw and auxiliary materials preparation, for dough preparation, etc, envisaging better general energy consumptions. Once these consumptions are known in detail, good technological flows may be developed, providing advantages not only for users but also for the national economy as a whole, considering the great energy consumption for bread processing.

Keywords: bread, energy, consumption, optimizing, oven