

Development of the design of plate with variable diameter of holes and its impact on meat grinding quality and efficiency

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Supplemental Figures



Figure S.1. Experimental meat grinder and its components



Figure S.2: Cutting tool set-up of the experimental meat grinder



Figure S.3. Cutting tool



Figure S.4: Working parts of the experimental meat grinder

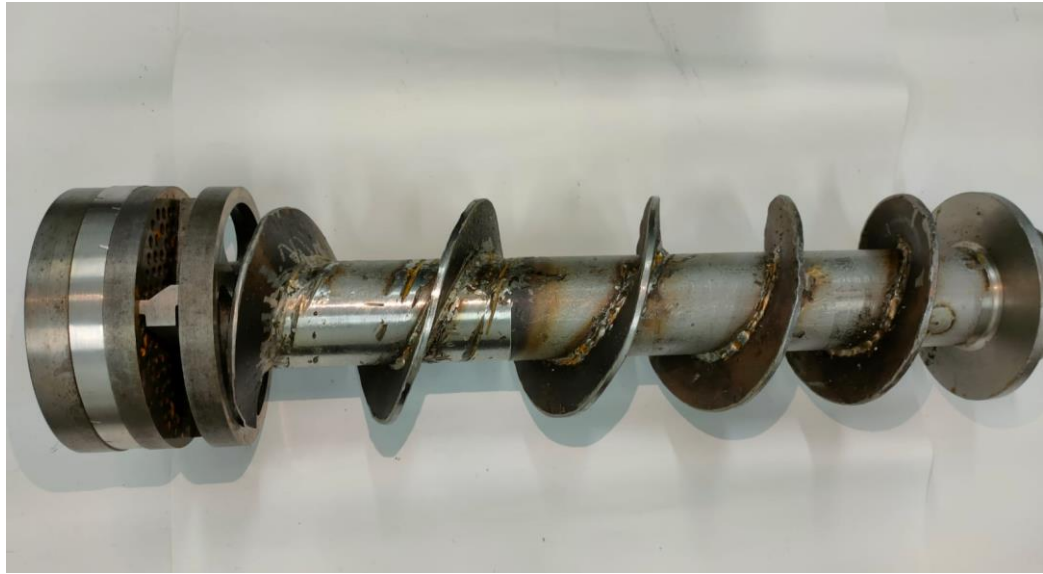


Figure S.5: Top view of the cutting mechanism

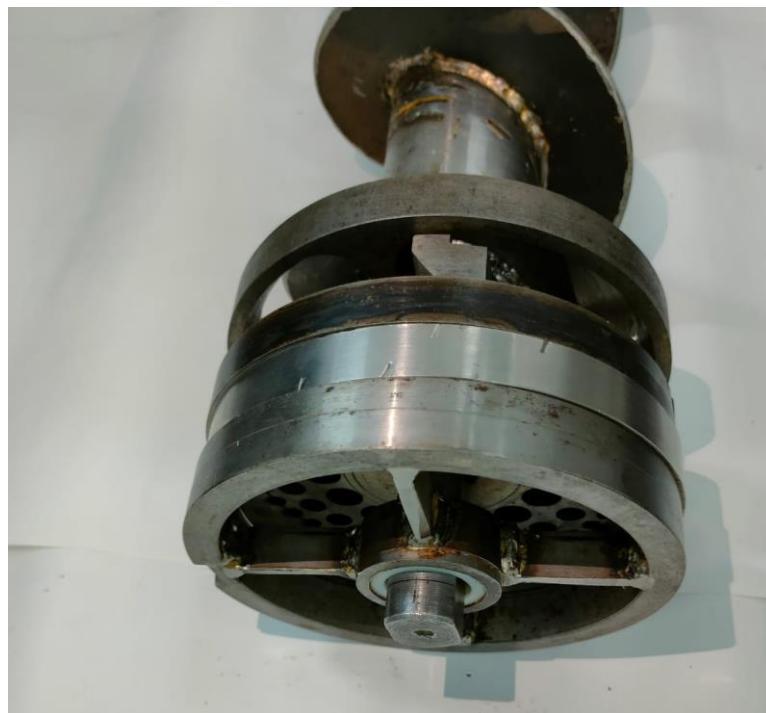


Figure S.6: Front view of the cutting mechanism



Figure S.7. Experimental meat grinder ready for operation of the grinding process (with traditional plate)



Figure S.8. Experimental meat grinder ready for operation of the grinding process (with developed plate)



Figure S.9: Process of grinding meat



Figure S.10. Grinding meat using a plate with variable hole diameters decreasing towards the periphery.

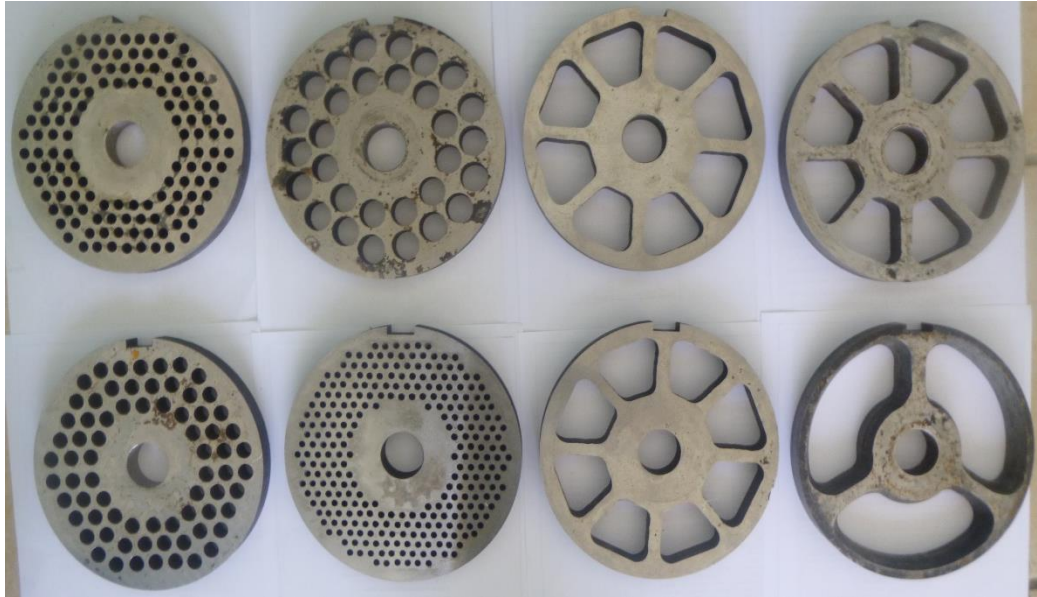


Figure S11. Plates of the meat grinder



Figure S12. Meat grinder blades